

# Hydro-split EASYTANK

WISAN-YME 1 S + HQCN-NEE 1 TC A  
WISAN-PME 1 S + HQCN-NEE 1 TC A

Indoor hydronic unit with base  
with DHW tank for Hydro Split systems

Can be combined with EDGE EVO 2.0 and EDGE F

## ENERGY SAVING



Integration Heating/DHW



Cascade



€-Switch

## COMFORT



Hot Cold



DHW



Silent

## RELIABILITY



Backup heater (optional)

## CONVENIENCE



Weekley Timer



Contemporaneity (Hybrid Version)



Instant DHW (Hybrid Version)



Integrated DHW tank

## MANAGEMENT AND CONNECTIVITY



Input ON/OFF



Port Modbus



Control via App



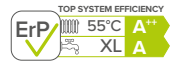
Management Control4 NRG



Clivet Eye monitoring



User interface / thermostat



HEAT PUMPS

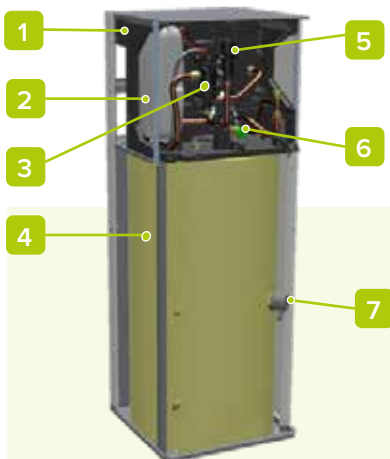


- ✓ 190 or 250 l ACS storage tank
- ✓ Wide range of integrable accessories
- ✓ Can be combined with EDGE outdoor units
- ✓ Reduced space requirements
- ✓ Easy installation

## Versatile to suit every type of system

Hydronic EASYTANK modules are designed to be combined with the EDGE family of packaged heat pumps.

In addition to the DHW tank, they contain a 15-litre buffer tank, magnetic baffle filter, system expansion tank and anti-burn valve as standard.








1. 15-litre inertial tank
2. Plant expansion tank
3. Magnetic dirt separator filter+pressure relief valve
4. Domestic hot water storage tank
5. 3-way valve for DHW
6. Thermostatic anti-scald valve
7. Backup electric heater






## configurations

Hybrid version in combination with Clivet FE boiler

## internal accessories

|                                                                                   |               |                                                                           |                                                                                   |                |                                                                                   |
|-----------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|
|   | <b>EH246X</b> | Additional electric heater adjustable to three capacities of 2, 4 or 6 kW |  | <b>KIR2HX</b>  | Hydraulic kit for managing two areas with the same temperature                    |
|   | <b>EH9X</b>   | Additional electric heater adjustable to one capacity of 9 kW             |  | <b>KIR2HLX</b> | Hydraulic kit for managing two areas with high and mixed temperature              |
|  | <b>KCSIX</b>  | Secondary circuit kit (1L hydraulic circuit breaker + pump)               |  | <b>SOLX</b>    | DHW plate exchanger kit for solar thermal connection                              |
|                                                                                   |               |                                                                           |  | <b>SIGGX</b>   | Intermediate exchanger for clean separation between primary and secondary circuit |

## external accessories

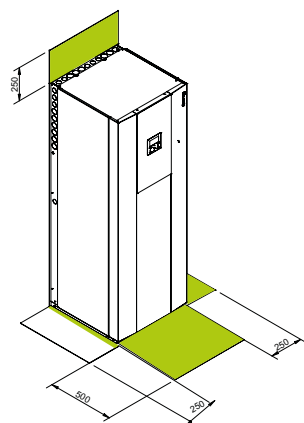
|                                                                                     |               |                                   |                                                                                     |                 |                                                                                                    |
|-------------------------------------------------------------------------------------|---------------|-----------------------------------|-------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------|
|    | <b>ACI40X</b> | System inertial tank 40 litres    |    | <b>ACSA250X</b> | Additional 250-litre DHW boiler fitted into an additional practical cabinet for system accessories |
|  | <b>COFX</b>   | Aesthetic cover for inertial tank |  | <b>KCAIAX</b>   | Additional inertial tank connection kit                                                            |
|  | <b>VEACSX</b> | Sanitary expansion tank           |                                                                                     |                 |                                                                                                    |

## technical data - EASYTank + Edge EVO 2.0

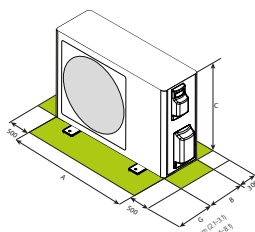
| Size - Set                         |                                        |                  |                   | 2.1      |              | 3.1         |             | 4.1         |             | 5.1         |             | 6.1  |         | 7.1  |         | 8.1  |         |  |
|------------------------------------|----------------------------------------|------------------|-------------------|----------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------|---------|------|---------|------|---------|--|
|                                    |                                        |                  |                   | DHW tank |              | 190L        | 250L        | 190L        | 250L        | 190L        | 250L        | 190L | 250L    | 250L | 250L    | 250L | 250L    |  |
| Heating                            | Capacity                               | Water 35/30°C    | Nominal / Maximum | kW       | 4,20 / 5,33  | 6,35 / 7,41 | 8,40 / 9,11 | 10,0 / 10,3 | 12,1 / 14,6 | 14,5 / 15,5 | 15,9 / 16,8 |      |         |      |         |      |         |  |
|                                    | COP                                    | Outdoor air 7°C  | Nominal           | -        | 5,10         | 4,95        | 5,15        | 4,95        | 4,95        | 4,95        | 4,50        | 4,50 |         |      |         |      |         |  |
|                                    | Capacity                               | Water 35/30°C    | Nominal / Maximum | kW       | 4,70 / 4,99  | 6,00 / 6,21 | 7,00 / 7,27 | 8,00 / 8,31 | 10,0 / 11,0 | 12,0 / 12,7 | 13,1 / 13,9 |      |         |      |         |      |         |  |
|                                    | COP                                    | Outdoor air -7°C | Nominal           | -        | 3,10         | 3,00        | 3,20        | 3,05        | 3,00        | 2,85        | 2,70        |      |         |      |         |      |         |  |
| Cooling                            | Capacity                               | Water 45/40°C    | Nominal / Maximum | kW       | 4,30 / 5,96  | 6,30 / 7,13 | 8,10 / 8,98 | 10,0 / 10,3 | 12,3 / 14,5 | 14,1 / 15,7 | 16,0 / 16,6 |      |         |      |         |      |         |  |
|                                    | COP                                    | Outdoor air 7°C  | Nominal           | -        | 3,80         | 3,70        | 3,85        | 3,75        | 3,70        | 3,60        | 3,50        |      |         |      |         |      |         |  |
|                                    | Capacity                               | Water 18/23°C    | Nominal / Maximum | kW       | 4,50 / 7,65  | 6,50 / 7,65 | 8,30 / 11,1 | 9,90 / 12,0 | 12,0 / 15,0 | 13,5 / 15,3 | 14,2 / 16,4 |      |         |      |         |      |         |  |
|                                    | EER                                    | Outdoor air 35°C | Nominal           | -        | 5,50         | 4,80        | 5,05        | 4,55        | 3,95        | 3,61        | 3,61        |      |         |      |         |      |         |  |
| DHW                                | Capacity                               | Water 7/12°C     | Nominal / Maximum | kW       | 4,70 / 6,14  | 7,00 / 7,11 | 7,45 / 7,94 | 8,20 / 8,67 | 11,5 / 11,5 | 12,4 / 12,4 | 14,0 / 14,0 |      |         |      |         |      |         |  |
|                                    | EER                                    | Outdoor air 35°C | Nominal           | -        | 3,45         | 3,00        | 3,35        | 3,25        | 2,75        | 2,50        | 2,50        |      |         |      |         |      |         |  |
|                                    | Net tank capacity                      |                  |                   | l        | 190          | 250         | 190         | 250         | 190         | 250         | 250         | 250  | 250     | 250  | 250     | 250  | 250     |  |
|                                    | Water mixed at 40°C (V40) <sup>1</sup> |                  |                   | l        | 204          | 269         | 204         | 269         | 204         | 269         | 204         | 269  | 269     | 269  | 269     | 269  | 269     |  |
| Electrical power for meter sizing  | Heating time                           |                  |                   | h:min    | 2:30         | 2:25        | 2:30        | 2:25        | 2:08        | 2:05        | 2:08        | 2:05 | 1:46    | 1:46 | 1:46    | 1:46 | 1:46    |  |
|                                    | Capacity                               |                  |                   | kW       | 2,30         | 2,70        | 3,40        | 3,70        | 5,50        | 5,80        | 6,20        |      |         |      |         |      |         |  |
|                                    | Energy class                           |                  |                   | -        | A++          | A++         | A++         | A++         | A++         | A++         | A++         |      |         |      |         |      |         |  |
|                                    | Annual energy consumption              |                  |                   | -        | 2,749        | 3,348       | 4,064       | 4,541       | 6,916       | 6,917       | 7,213       |      |         |      |         |      |         |  |
| Seasonal efficiency Medium climate | Heating Water 55°C                     |                  |                   | SCOP     | 3,31         | 3,52        | 3,37        | 3,47        | 3,45        | 3,47        | 3,41        |      |         |      |         |      |         |  |
|                                    | ηs (seasonal output)                   |                  |                   | %        | 129          | 138         | 131         | 137         | 135         | 135         | 133         |      |         |      |         |      |         |  |
|                                    | Energy class                           |                  |                   | -        | A+++         | A+++        | A+++        | A+++        | A+++        | A+++        | A+++        |      |         |      |         |      |         |  |
|                                    | Annual energy consumption              |                  |                   | -        | 2,354        | 2,849       | 3,223       | 3,649       | 5,156       | 5,157       | 6,011       |      |         |      |         |      |         |  |
| DHW                                | Heating Water 35°C                     |                  |                   | SCOP     | 4,85         | 4,95        | 5,22        | 5,20        | 4,81        | 4,72        | 4,62        |      |         |      |         |      |         |  |
|                                    | ηs (seasonal output)                   |                  |                   | %        | 191          | 195         | 205         | 205         | 189         | 186         | 182         |      |         |      |         |      |         |  |
|                                    | Energy class                           |                  |                   | -        | A+           | A+          | A+          | A+          | A+          | A+          | A+          |      |         |      |         |      |         |  |
|                                    | Withdrawal profile                     |                  |                   | -        | L            | XL          | L           | XL          | L           | XL          | L           | XL   | XL      | XL   | XL      | XL   | XL      |  |
| <b>Size - Indoor unit</b>          |                                        |                  |                   |          |              |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Power supply                       | Voltage/Frequency/Phases               |                  |                   | V/Hz/n°  | TO           |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Expansion tank capacity            |                                        |                  |                   | l        | 12           |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Sound power                        | Nominal                                |                  |                   | dB(A)    | 41           |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Sound pressure @1m                 | Nominal                                |                  |                   | dB(A)    | 26           |             |             |             |             |             |             |      |         |      |         |      |         |  |
| <b>Size - Outdoor unit</b>         |                                        |                  |                   |          |              |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Power supply                       | Voltage/Frequency/Phases               |                  |                   | V/Hz/n°  | 220-240/50/1 |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Water flow-rate                    | Water 35/30°C                          |                  |                   | l/s      | 0,20         |             | 0,30        |             | 0,40        |             | 0,48        |      | 0,58    |      | 0,69    |      | 0,76    |  |
| Pump available pressure            | Outdoor air 7°C                        |                  |                   | kPa      | 85           |             | 84          |             | 80          |             | 71          |      | 60      |      | 48      |      | 40      |  |
| Expansion tank capacity            |                                        |                  |                   | l        | 4,8          |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Minimum system water content       |                                        |                  |                   | l        | 30           |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Sound power                        | Minimum / Nominal                      |                  |                   | dB(A)    | 53 / 55      |             | 55 / 58     |             | 54 / 59     |             | 55 / 60     |      | 59 / 65 |      | 59 / 65 |      | 59 / 68 |  |
| Sound pressure @1m                 | Minimum / Nominal                      |                  |                   | dB(A)    | 39 / 41      |             | 41 / 44     |             | 40 / 45     |             | 40 / 46     |      | 44 / 50 |      | 44 / 50 |      | 44 / 53 |  |
| <b>Operating range</b>             |                                        |                  |                   |          |              |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Water supply temperature           | Heating / DHW                          | Full electric    | Minimum / Maximum | °C       | 25 / 65      |             |             |             |             |             |             |      |         |      |         |      |         |  |
|                                    |                                        | Hybrid           | Minimum / Maximum | °C       | 25 / 75      |             |             |             |             |             |             |      |         |      |         |      |         |  |
| Operating range (Outdoor air)      | Cooling                                | -                | Minimum / Maximum | °C       | 5 / 25       |             |             |             |             |             |             |      |         |      |         |      |         |  |
|                                    | Heating                                | -                | Minimum / Maximum | °C       | -25 / 35     |             |             |             |             |             |             |      |         |      |         |      |         |  |
| DHW                                | -                                      | -                | Minimum / Maximum | °C       | -25 / 43     |             |             |             |             |             |             |      |         |      |         |      |         |  |
|                                    | Cooling                                | -                | Minimum / Maximum | °C       | -5 / 43      |             |             |             |             |             |             |      |         |      |         |      |         |  |

## dimensions and connections

| Size               |                    |                |                      | 2.1           |  | 3.1 |  | 4.1  |  | 5.1 |  | 6.1           |  | 7.1 |  | 8.1  |  |  |  |
|--------------------|--------------------|----------------|----------------------|---------------|--|-----|--|------|--|-----|--|---------------|--|-----|--|------|--|--|--|
| Dimensions         | Indoor unit ACS190 | AxCxB          | mm                   | 600x1.694x615 |  |     |  |      |  |     |  |               |  |     |  |      |  |  |  |
|                    | Indoor unit ACS250 | AxCxB          | mm                   | 600x2.004x615 |  |     |  |      |  |     |  |               |  |     |  |      |  |  |  |
|                    | Outdoor unit       | AxCxB          | mm                   | 1.295x717x400 |  |     |  |      |  |     |  | 1.385x864x445 |  |     |  |      |  |  |  |
| Operating weight   | Indoor unit ACS190 |                | kg                   | 359           |  |     |  |      |  |     |  |               |  |     |  |      |  |  |  |
|                    | Indoor unit ACS250 |                | kg                   | 419           |  |     |  |      |  |     |  |               |  |     |  |      |  |  |  |
|                    | Outdoor unit       |                | kg                   | 86            |  |     |  |      |  |     |  | 105           |  |     |  | 129  |  |  |  |
| Refrigerant charge |                    |                | type / GWP           | R-32 / 675    |  |     |  |      |  |     |  |               |  |     |  |      |  |  |  |
|                    |                    |                | kg                   |               |  |     |  | 1,40 |  |     |  |               |  |     |  | 1,75 |  |  |  |
|                    |                    |                | CO <sub>2</sub> tons |               |  |     |  | 0,95 |  |     |  |               |  |     |  | 1,18 |  |  |  |
| External diameters | Indoor unit        | Water (System) | inch                 | 1"            |  |     |  |      |  |     |  |               |  |     |  |      |  |  |  |
|                    |                    | Water (DHW)    | inch                 | 1/2"          |  |     |  |      |  |     |  |               |  |     |  |      |  |  |  |
|                    | Outdoor unit       | Water (System) | inch                 | 1"            |  |     |  |      |  |     |  | 1" 1/4        |  |     |  |      |  |  |  |



HQCN-NEE 1 TC A  
Indoor unit (ODU)



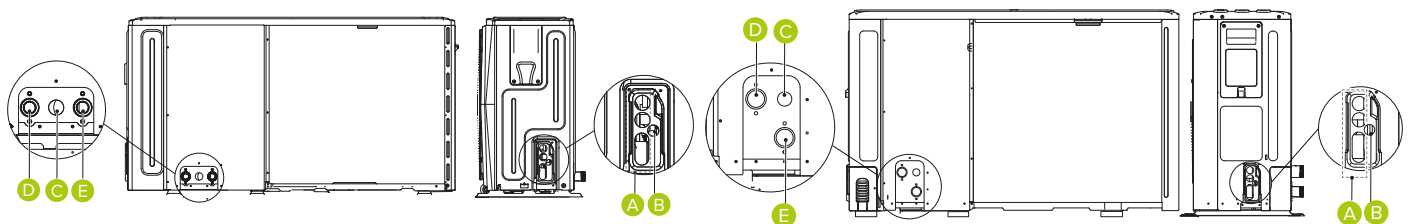
WiSAN-YME 1 S  
Outdoor unit (ODU)

| Size - Set                            |                                        |                           |                                | 6.1            | 7.1         | 8.1         |       |
|---------------------------------------|----------------------------------------|---------------------------|--------------------------------|----------------|-------------|-------------|-------|
|                                       |                                        |                           |                                | DHW tank       |             |             |       |
|                                       |                                        |                           |                                | 250L           | 250L        | 250L        |       |
| Heating                               | Capacity                               | Water 35/30°C             | Nominal / Maximum kW           | 12,1 / 14,6    | 14,5 / 15,5 | 15,9 / 16,8 |       |
|                                       | COP                                    | Outdoor air 7°C           | Nominal                        | 4,95           | 4,60        | 4,50        |       |
|                                       | Capacity                               | Water 35/30°C             | Nominal / Maximum kW           | 10,0 / 11,0    | 12,0 / 12,7 | 13,1 / 13,9 |       |
|                                       | COP                                    | Outdoor air -7°C          | Nominal                        | 3,00           | 2,85        | 2,70        |       |
|                                       | Capacity                               | Water 45/40°C             | Nominal / Maximum kW           | 12,3 / 14,5    | 14,1 / 15,7 | 16,0 / 16,6 |       |
|                                       | COP                                    | Outdoor air 7°C           | Nominal                        | 3,70           | 3,60        | 3,50        |       |
| Cooling                               | Capacity                               | Water 18/23°C             | Nominal / Maximum kW           | 12,0 / 15,0    | 13,5 / 15,3 | 14,2 / 16,4 |       |
|                                       | EER                                    | Outdoor air 35°C          | Nominal                        | 3,95           | 3,61        | 3,61        |       |
|                                       | Capacity                               | Water 7/12°C              | Nominal / Maximum kW           | 11,5 / 11,5    | 12,4 / 12,4 | 14,0 / 14,0 |       |
|                                       | EER                                    | Outdoor air 35°C          | Nominal                        | 2,75           | 2,50        | 2,50        |       |
| DHW                                   | Net tank capacity                      |                           | l                              | 250            | 250         | 250         |       |
|                                       | Water mixed at 40°C (V40) <sup>1</sup> |                           | l                              | 269            | 269         | 269         |       |
|                                       | Heating time                           |                           | h:min                          | 1:46           | 1:46        | 1:46        |       |
| Electrical power for meter sizing     |                                        |                           | kW                             | 5,50           | 5,80        | 6,20        |       |
| Seasonal efficiency<br>Medium climate | Energy class                           |                           | -                              | A++            | A++         | A++         |       |
|                                       | Heating                                | Annual energy consumption | -                              | 6.916          | 6.917       | 7.213       |       |
|                                       |                                        | Water 55°C                | SCOP                           | -              | 3,45        | 3,47        | 3,41  |
|                                       | ηs (seasonal output)                   |                           | %                              | 135            | 135         | 133         |       |
|                                       |                                        | Energy class              |                                | -              | A+++        | A+++        | A+++  |
|                                       |                                        | Heating                   | Annual energy consumption      | -              | 5.156       | 5.157       | 6.011 |
|                                       | Water 35°C                             |                           | SCOP                           | -              | 4,81        | 4,72        | 4,62  |
|                                       | ηs (seasonal output)                   |                           | %                              | 189            | 186         | 182         |       |
|                                       |                                        | Energy class              |                                | -              | A+          | A+          | A+    |
|                                       | DHW                                    | Withdrawal profile        |                                | -              | XL          | XL          | XL    |
|                                       |                                        |                           | TO                             |                |             |             |       |
| Power supply                          |                                        |                           | V/Hz/n°                        | 220-240/50/1   |             |             |       |
| Expansion tank capacity               |                                        |                           | l                              | 12             |             |             |       |
| Sound power                           |                                        |                           | Nominal dB(A)                  | 41             |             |             |       |
| Sound pressure @1m                    |                                        |                           | Nominal dB(A)                  | 26             |             |             |       |
| <b>Size - Outdoor unit</b>            |                                        |                           |                                | <b>6.1</b>     | <b>7.1</b>  | <b>8.1</b>  |       |
| Power supply                          |                                        |                           | V/Hz/n°                        | 380-415/50/3+N |             |             |       |
| Water flow-rate                       |                                        |                           | Water 35/30°C<br>Nominal l/s   | 0,58           | 0,69        | 0,76        |       |
| Pump available pressure               |                                        |                           | Outdoor air 7°C<br>Nominal kPa | 60             | 48          | 40          |       |
| Expansion tank capacity               |                                        |                           | l                              | 4,8            |             |             |       |
| Minimum system water content          |                                        |                           | l                              | 70             |             |             |       |
| Sound power                           |                                        |                           | Minimum / Nominal dB(A)        | 59 / 65        | 59 / 65     | 59 / 68     |       |
| Sound pressure @1m                    |                                        |                           | Minimum / Nominal dB(A)        | 44 / 50        | 44 / 50     | 44 / 53     |       |
| <b>Operating range</b>                |                                        |                           |                                |                |             |             |       |
| Water supply temperature              | Heating / DHW                          | Full electric             | Minimum / Maximum °C           | 25 / 65        |             |             |       |
|                                       |                                        | Hybrid                    | Minimum / Maximum °C           | 25 / 75        |             |             |       |
|                                       | Cooling                                | -                         | Minimum / Maximum °C           | 5 / 25         |             |             |       |
| Operating range (Outdoor air)         | Heating                                | -                         | Minimum / Maximum °C           | -25 / 35       |             |             |       |
|                                       | DHW                                    | -                         | Minimum / Maximum °C           | -25 / 43       |             |             |       |
|                                       | Cooling                                | -                         | Minimum / Maximum °C           | -5 / 43        |             |             |       |

| Size                            |                      |                |      | 6.1        | 7.1           | 8.1 |
|---------------------------------|----------------------|----------------|------|------------|---------------|-----|
| Dimensions                      | Indoor unit ACS190   | AxCxB          | mm   |            | -             |     |
|                                 | Indoor unit ACS250   | AxCxB          | mm   |            | 600x2.004x615 |     |
|                                 | Outdoor unit         | AxCxB          | mm   |            | 1.385x864x445 |     |
| Operating weight                | Indoor unit ACS190   |                | kg   |            | -             |     |
|                                 | Indoor unit ACS250   |                | kg   |            | 421           |     |
|                                 | Outdoor unit         |                | kg   |            | 144           |     |
| Refrigerant charge <sup>1</sup> | type / GWP           |                |      | R-32 / 675 |               |     |
|                                 | kg                   |                |      | 1,75       |               |     |
|                                 | CO <sub>2</sub> tons |                |      | 1,18       |               |     |
|                                 |                      |                |      |            |               |     |
| External diameters              | Indoor unit          | Water (System) | inch | 1"         |               |     |
|                                 |                      | Water (DHW)    | inch | 1/2"       |               |     |
|                                 | Outdoor unit         | Water (System) | inch | 1" 1/4     |               |     |

SIZES 2.1 to 3.1

SIZES 4.1 to 8.1



- A. Hole for high voltage cable (power supply)  
 B. Hole for low pressure cable (control and signal cables)

- C. Hole for discharge pipe  
 D. Water outlet  
 E. Water inlet

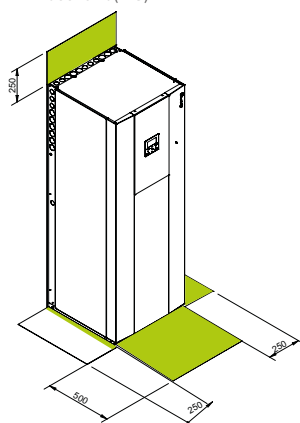
## technical data - EASYTank + Edge F

| Size - Set                         |                                        |                  |                   | 2.1      |      | 3.1         |      | 4.1         |      | 5.1         |      | 6.1          |      | 7.1         |      | 8.1         |      |             |  |      |  |
|------------------------------------|----------------------------------------|------------------|-------------------|----------|------|-------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|--|------|--|
|                                    |                                        |                  |                   | DHW tank |      | 190L        | 250L | 190L        | 250L | 190L        | 250L | 190L         | 250L | 250L        | 250L | 250L        |      |             |  |      |  |
| Heating                            | Capacity                               | Water 35/30°C    | Nominal / Maximum | kW       |      | 4,50 / 6,86 |      | 6,20 / 7,70 |      | 8,40 / 10,4 |      | 10,0 / 11,0  |      | 12,0 / 14,7 |      | 14,0 / 16,0 |      | 15,0 / 17,6 |  |      |  |
|                                    | COP                                    | Outdoor air 7°C  | Nominal           | -        |      | 5,15        |      | 4,90        |      | 5,00        |      | 4,70         |      | 4,80        |      | 4,50        |      | 4,40        |  |      |  |
|                                    | Capacity                               | Water 35/30°C    | Nominal / Maximum | kW       |      | 4,50 / 5,56 |      | 5,90 / 6,18 |      | 7,00 / 8,74 |      | 8,00 / 8,89  |      | 10,0 / 11,1 |      | 11,0 / 12,1 |      | 11,5 / 13,2 |  |      |  |
|                                    | COP                                    | Outdoor air -7°C | Nominal           | -        |      | 3,10        |      | 2,95        |      | 3,00        |      | 2,85         |      | 2,80        |      | 2,75        |      | 2,70        |  |      |  |
| Cooling                            | Capacity                               | Water 45/40°C    | Nominal / Maximum | kW       |      | 4,50 / 6,55 |      | 6,40 / 7,35 |      | 8,20 / 9,57 |      | 10,0 / 10,5  |      | 12,0 / 14,1 |      | 14,0 / 15,3 |      | 15,0 / 16,9 |  |      |  |
|                                    | COP                                    | Outdoor air 7°C  | Nominal           | -        |      | 4,05        |      | 3,80        |      | 3,85        |      | 3,65         |      | 3,70        |      | 3,50        |      | 3,35        |  |      |  |
|                                    | Capacity                               | Water 18/23°C    | Nominal / Maximum | kW       |      | 4,90 / 7,84 |      | 5,90 / 9,75 |      | 6,80 / 11,4 |      | 7,80 / 12,13 |      | 12,0 / 16,4 |      | 13,0 / 17,3 |      | 14,4 / 18,6 |  |      |  |
|                                    | EER                                    | Outdoor air 35°C | Nominal           | -        |      | 5,50        |      | 5,10        |      | 5,15        |      | 4,75         |      | 4,50        |      | 4,20        |      | 3,90        |  |      |  |
| DHW                                | Capacity                               | Water 7/12°C     | Nominal / Maximum | kW       |      | 4,70 / 5,66 |      | 6,80 / 7,14 |      | 7,50 / 8,19 |      | 8,76 / 8,76  |      | 11,5 / 12,0 |      | 12,7 / 12,7 |      | 14,0 / 14,3 |  |      |  |
|                                    | EER                                    | Outdoor air 35°C | Nominal           | -        |      | 3,65        |      | 3,10        |      | 3,45        |      | 3,01         |      | 3,05        |      | 2,90        |      | 2,75        |  |      |  |
|                                    | Net tank capacity                      |                  |                   | l        |      | 190         | 250  | 190         | 250  | 190         | 250  | 190          | 250  | 250         | 250  | 250         | 250  |             |  |      |  |
| Electrical power for meter sizing  | Water mixed at 40°C (V40) <sup>1</sup> |                  |                   | l        |      | 204         | 269  | 204         | 269  | 204         | 269  | 204          | 269  | 269         | 269  | 269         | 269  |             |  |      |  |
|                                    | Heating time                           |                  |                   | h:min    |      | 2:30        | 2:25 | 2:30        | 2:25 | 2:08        | 2:05 | 2:08         | 2:05 | 1:46        | 1:46 | 1:46        | 1:46 |             |  |      |  |
|                                    | Energy class                           |                  |                   | -        |      | A++         |      | A++         |      | A++         |      | A++          |      | A++         |      | A++         |      | A++         |  |      |  |
|                                    | Annual energy consumption              |                  |                   | -        |      | 2.684       |      | 3.164       |      | 3.676       |      | 4.215        |      | 6.847       |      | 7.414       |      | 8.349       |  |      |  |
| Seasonal efficiency Medium climate | SCOP                                   |                  |                   | -        |      | 3,79        |      | 3,81        |      | 3,81        |      | 3,82         |      | 3,62        |      | 3,62        |      | 3,57        |  |      |  |
|                                    | ηs (seasonal output)                   |                  |                   | %        |      | 148         |      | 150         |      | 150         |      | 150          |      | 142         |      | 142         |      | 140         |  |      |  |
|                                    | Energy class                           |                  |                   | -        |      | A+++        |      | A+++        |      | A+++        |      | A+++         |      | A+++        |      | A+++        |      | A+++        |  |      |  |
|                                    | Annual energy consumption              |                  |                   | -        |      | 2.040       |      | 2.692       |      | 3.187       |      | 3.734        |      | 5.376       |      | 6.091       |      | 6.630       |  |      |  |
| DHW                                | SCOP                                   |                  |                   | -        |      | 5,09        |      | 4,91        |      | 5,20        |      | 5,07         |      | 4,68        |      | 4,64        |      | 4,59        |  |      |  |
|                                    | ηs (seasonal output)                   |                  |                   | %        |      | 201         |      | 194         |      | 205         |      | 200          |      | 184         |      | 182         |      | 181         |  |      |  |
|                                    | Energy class                           |                  |                   | -        |      | A+          |      | A+          |      | A+          |      | A+           |      | A+          |      | A+          |      | A+          |  |      |  |
| Withdrawal profile                 |                                        |                  | -                 |          | L XL |             | L XL |             | L XL |             | L XL |              | XL   |             | XL   |             | XL   |             |  |      |  |
| <b>Size - Indoor unit</b>          |                                        |                  |                   | <b>A</b> |      |             |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Power supply                       | Voltage/Frequency/Phases               |                  |                   | V/Hz/n°  |      | 230/50/1    |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Expansion tank capacity            |                                        |                  |                   | l        |      | 12          |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Sound power                        | Nominal                                |                  |                   | dB(A)    |      | 41          |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Sound pressure @1m                 | Nominal                                |                  |                   | dB(A)    |      | 26          |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| <b>Size - Outdoor unit</b>         |                                        |                  |                   | 2.1      |      | 3.1         |      | 4.1         |      | 5.1         |      | 6.1          |      | 7.1         |      | 8.1         |      |             |  |      |  |
| Power supply                       | Voltage/Frequency/Phases               |                  |                   | V/Hz/n°  |      | 230/50/1    |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Water flow-rate                    | Water 35/30°C                          |                  |                   | Nominal  |      | l/s         |      | 0,21        |      | 0,30        |      | 0,40         |      | 0,48        |      | 0,57        |      | 0,67        |  | 0,71 |  |
| Pump available pressure            | Outdoor air 7°C                        |                  |                   | Nominal  |      | kPa         |      | 89          |      | 87          |      | 80           |      | 71          |      | 63          |      | 54          |  | 49   |  |
| Expansion tank capacity            |                                        |                  |                   | l        |      | 8           |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Minimum system water content       |                                        |                  |                   | l        |      | 30          |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Sound power                        | Minimum / Nominal                      |                  |                   | dB(A)    |      | 51 / 56     |      | 53 / 58     |      | 55 / 60     |      | 56 / 61      |      | 58 / 65     |      | 59 / 65     |      | 60 / 69     |  |      |  |
| Sound pressure @1m                 | Minimum / Nominal                      |                  |                   | dB(A)    |      | 40 / 44     |      | 42 / 46     |      | 42 / 48     |      | 43 / 49      |      | 43 / 51     |      | 44 / 52     |      | 48 / 56     |  |      |  |
| <b>Operating range</b>             |                                        |                  |                   |          |      |             |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Water supply temperature           | Heating / DHW                          | Full electric    | Minimum / Maximum | °C       |      | 25 / 75     |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
|                                    |                                        |                  | Hybrid            | °C       |      | 25 / 75     |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Operating range (Outdoor air)      | Cooling                                | -                | Minimum / Maximum | °C       |      | 5 / 25      |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
|                                    |                                        |                  | Heating           | °C       |      | -25 / 35    |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
| Operating range (Outdoor air)      | DHW                                    | -                | Minimum / Maximum | °C       |      | -25 / 43    |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |
|                                    |                                        |                  | Cooling           | °C       |      | -5 / 43     |      |             |      |             |      |              |      |             |      |             |      |             |  |      |  |

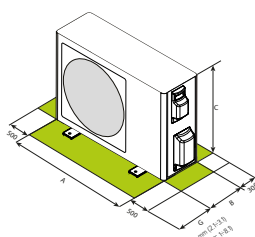
## dimensions and connections

| Size               |                      |                |      | 2.1           |  | 3.1 |  | 4.1    |  | 5.1 |  | 6.1           |  | 7.1 |  | 8.1 |  |  |  |               |  |  |
|--------------------|----------------------|----------------|------|---------------|--|-----|--|--------|--|-----|--|---------------|--|-----|--|-----|--|--|--|---------------|--|--|
| Dimensions         | Indoor unit ACS190   | AxCxB          | mm   | 600x1.694x615 |  |     |  |        |  |     |  |               |  |     |  |     |  |  |  |               |  |  |
|                    | Indoor unit ACS250   | AxCxB          | mm   |               |  |     |  |        |  |     |  |               |  |     |  |     |  |  |  |               |  |  |
|                    | Outdoor unit         | AxCxB          | mm   | 1.295x718x386 |  |     |  |        |  |     |  | 600x2.004x615 |  |     |  |     |  |  |  | 1.385x865x423 |  |  |
| Operating weight   | Indoor unit ACS190   |                | kg   | 359           |  |     |  |        |  |     |  |               |  |     |  |     |  |  |  |               |  |  |
|                    | Indoor unit ACS250   |                | kg   | 419           |  |     |  |        |  |     |  |               |  |     |  |     |  |  |  |               |  |  |
|                    | Outdoor unit         |                | kg   | 90            |  |     |  | 117    |  |     |  | 135           |  |     |  |     |  |  |  |               |  |  |
| Refrigerant charge | type / GWP           |                |      | R-290 / 3     |  |     |  |        |  |     |  |               |  |     |  |     |  |  |  |               |  |  |
|                    | kg                   |                |      | 0,70          |  |     |  | 1,10   |  |     |  | 1,25          |  |     |  |     |  |  |  |               |  |  |
|                    | CO <sub>2</sub> tons |                |      | 0,002         |  |     |  | 0,003  |  |     |  | 0,004         |  |     |  |     |  |  |  |               |  |  |
| External diameters | Indoor unit          | Water (System) | inch | 1"            |  |     |  |        |  |     |  |               |  |     |  |     |  |  |  |               |  |  |
|                    |                      | Water (DHW)    | inch | 1/2"          |  |     |  |        |  |     |  |               |  |     |  |     |  |  |  |               |  |  |
|                    | Outdoor unit         | Water (System) | inch | 1"            |  |     |  | 1 1/4" |  |     |  |               |  |     |  |     |  |  |  |               |  |  |

HQCN-NEE 1 TC A  
Indoor unit (IDU)



WISAN-PME 1 S  
Outdoor unit (ODU)

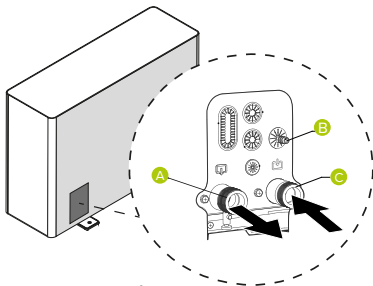


For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

| Size - Set                         |                                        |                           |                   | 6.1     | 7.1            | 8.1         |             |
|------------------------------------|----------------------------------------|---------------------------|-------------------|---------|----------------|-------------|-------------|
|                                    |                                        |                           | DHW tank          | 250L    | 250L           | 250L        |             |
| Heating                            | Capacity                               | Water 35/30°C             | Nominal / Maximum | kW      | 12,0 / 14,7    | 14,0 / 16,0 | 15,0 / 17,6 |
|                                    | COP                                    | Outdoor air 7°C           | Nominal           | -       | 4,80           | 4,50        | 4,40        |
|                                    | Capacity                               | Water 35/30°C             | Nominal / Maximum | kW      | 10,0 / 11,1    | 11,0 / 12,1 | 11,5 / 13,2 |
|                                    | COP                                    | Outdoor air -7°C          | Nominal           | -       | 2,80           | 2,75        | 2,70        |
|                                    | Capacity                               | Water 45/40°C             | Nominal / Maximum | kW      | 12,0 / 14,1    | 14,0 / 15,3 | 15,0 / 16,9 |
|                                    | COP                                    | Outdoor air 7°C           | Nominal           | -       | 3,70           | 3,50        | 3,35        |
| Cooling                            | Capacity                               | Water 18/23°C             | Nominal / Maximum | kW      | 12,0 / 16,4    | 13,0 / 17,3 | 14,4 / 18,6 |
|                                    | EER                                    | Outdoor air 35°C          | Nominal           | -       | 4,50           | 4,20        | 3,90        |
|                                    | Capacity                               | Water 7/12°C              | Nominal / Maximum | kW      | 11,5 / 12,0    | 12,7 / 12,7 | 14,0 / 14,3 |
|                                    | EER                                    | Outdoor air 35°C          | Nominal           | -       | 3,05           | 2,90        | 2,75        |
| DHW                                | Net tank capacity                      |                           |                   | l       | 250            | 250         | 250         |
|                                    | Water mixed at 40°C (V40) <sup>1</sup> |                           |                   | l       | 269            | 269         | 269         |
|                                    | Heating time                           |                           |                   | h:min   | 1:46           | 1:46        | 1:46        |
| Electrical power for meter sizing  |                                        |                           |                   | kW      | 5,70           | 6,00        | 6,40        |
| Seasonal efficiency Medium climate | Heating Water 55°C                     | Energy class              | -                 | A++     | A++            | A++         |             |
|                                    |                                        | Annual energy consumption | -                 | 6.847   | 7.414          | 8.349       |             |
|                                    |                                        | SCOP                      | -                 | 3,62    | 3,62           | 3,57        |             |
|                                    | Heating Water 35°C                     | ηs (seasonal output)      | %                 | 142     | 142            | 140         |             |
|                                    |                                        | Energy class              | -                 | A+++    | A+++           | A+++        |             |
|                                    |                                        | Annual energy consumption | -                 | 5.376   | 6.091          | 6.630       |             |
|                                    | DHW                                    | SCOP                      | -                 | 4,68    | 4,64           | 4,59        |             |
|                                    |                                        | ηs (seasonal output)      | %                 | 184     | 182            | 181         |             |
|                                    |                                        | Energy class              | -                 | A+      | A+             | A+          |             |
|                                    | DHW                                    | Withdrawal profile        | -                 | XL      | XL             | XL          |             |
|                                    |                                        |                           |                   | A       |                |             |             |
| Size - Indoor unit                 |                                        |                           |                   |         |                |             |             |
| Power supply                       |                                        | Voltage/Frequency/Phases  |                   | V/Hz/n° | 220-240/50/1   |             |             |
| Expansion tank capacity            |                                        |                           |                   | l       | 12             |             |             |
| Sound power                        |                                        | Nominal                   |                   | dB(A)   | 41             |             |             |
| Sound pressure @1m                 |                                        | Nominal                   |                   | dB(A)   | 26             |             |             |
| Size - Outdoor unit                |                                        |                           |                   | 6.1     | 7.1            | 8.1         |             |
| Power supply                       |                                        | Voltage/Frequency/Phases  |                   | V/Hz/n° | 380-415/50/3+N |             |             |
| Water flow-rate                    |                                        | Water 35/30°C             | Nominal           | l/s     | 0,57           | 0,67        | 0,71        |
| Pump available pressure            |                                        | Outdoor air 7°C           | Nominal           | kPa     | 63             | 54          | 49          |
| Minimum system water content       |                                        |                           |                   | l       | 70             |             |             |
| Expansion tank capacity            |                                        |                           |                   | l       | 8 (Odu)        |             |             |
| Sound power                        |                                        | Minimum / Nominal         |                   | dB(A)   | 58 / 65        | 59 / 65     | 60 / 69     |
| Sound pressure @1m                 |                                        | Minimum / Nominal         |                   | dB(A)   | 43 / 51        | 44 / 52     | 48 / 56     |
| Operating range                    |                                        |                           |                   |         |                |             |             |
| Water supply temperature           | Heating / DHW                          | Full electric             | Minimum / Maximum | °C      | 25 / 75        |             |             |
|                                    |                                        | Hybrid                    | Minimum / Maximum | °C      | 25 / 75        |             |             |
|                                    | Cooling                                | -                         | Minimum / Maximum | °C      | 5 / 25         |             |             |
| Operating range (Outdoor air)      | Heating                                | -                         | Minimum / Maximum | °C      | -25 / 35       |             |             |
|                                    | DHW                                    | -                         | Minimum / Maximum | °C      | -25 / 43       |             |             |
|                                    | Cooling                                | -                         | Minimum / Maximum | °C      | -5 / 43        |             |             |

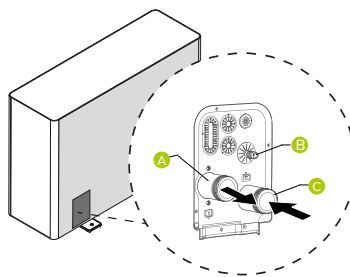
| Size                                          |                    |                |                      | 6.1 | 7.1           | 8.1 |
|-----------------------------------------------|--------------------|----------------|----------------------|-----|---------------|-----|
| Dimensions                                    | Indoor unit ACS190 | AxCxB          | mm                   |     | -             |     |
|                                               | Indoor unit ACS250 | AxCxB          | mm                   |     | 600x2.004x615 |     |
|                                               | Outdoor unit       | AxCxB          | mm                   |     | 1.385x865x423 |     |
| Operating weight                              | Indoor unit ACS190 |                | kg                   |     | -             |     |
|                                               | Indoor unit ACS250 |                | kg                   |     | 421           |     |
|                                               | Outdoor unit       |                | kg                   |     | 135           |     |
| Refrigerant charge                            |                    |                | type / GWP           |     | R-290 / 3     |     |
|                                               |                    |                | kg                   |     | 1,25          |     |
|                                               |                    |                | CO <sub>2</sub> tons |     | 0,004         |     |
| Equivalent pipe length with pre-charging only |                    |                |                      |     |               |     |
| External diameters                            | Indoor unit        | Water (System) | inch                 |     | 1"            |     |
|                                               |                    | Water (DHW)    | inch                 |     | 1/2"          |     |
|                                               | Outdoor unit       | Water (System) | inch                 |     | 1" 1/4        |     |

SIZES 2.1 to 3.1

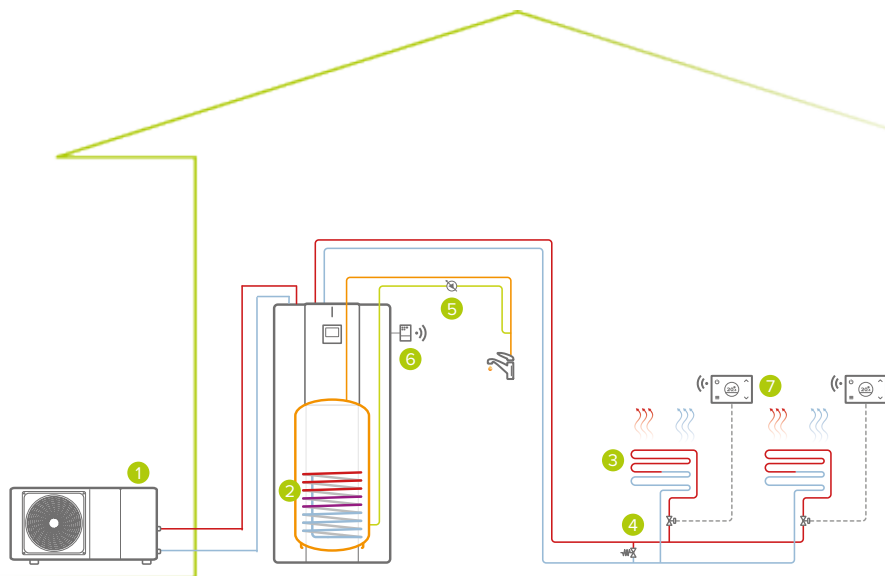


- A. 1" system supply
- B. Safety valve Ø 16 mm
- C. 1" system return

SIZES 4.1 to 8.1

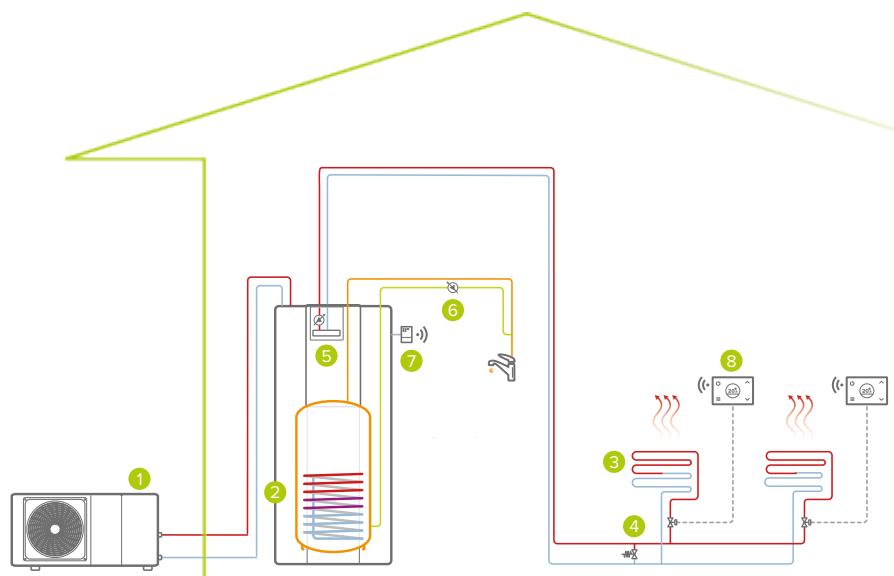


- A. 1 1/4" system supply
- B. Safety valve Ø 16 mm
- C. 1 1/4" system return



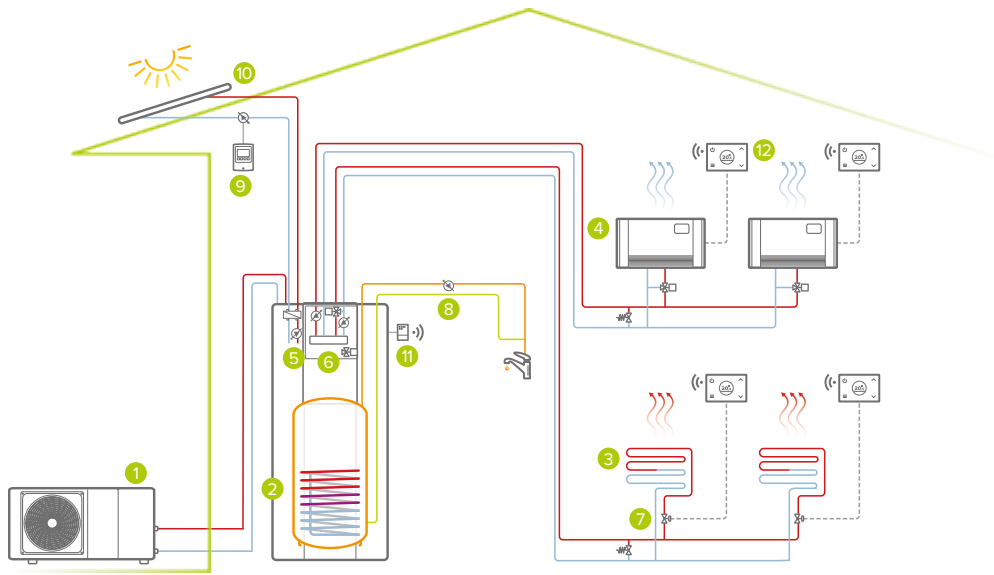
**Single-zone system:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating area
- 4 bypass\*
- 5 DHW recirculation pump
- 6 SwitchConnect Wi-Fi receiver
- 7 HiDTConnect2 Wi-Fi chronothermostat



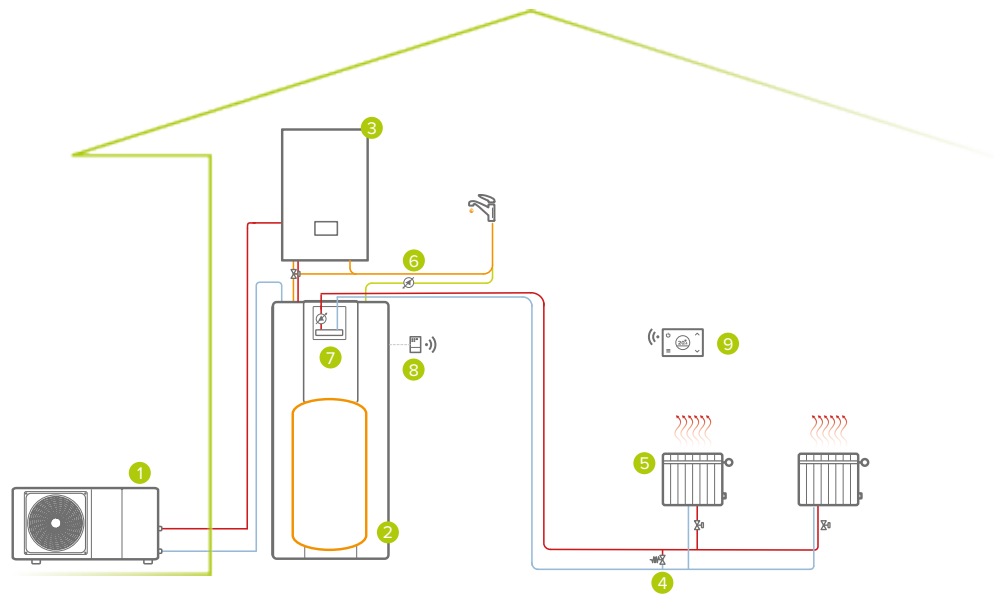
**Single booster single-area system:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating area
- 4 bypass\*
- 5 hydraulic separator single-area kit plus pump
- 6 DHW recirculation pump
- 7 SwitchConnect Wi-Fi receiver
- 8 Wi-Fi chronothermostat HID-TConnect2



### Two zone + solar system Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating area
- 4 cooling zone
- 5 solar connection kit
- 6 Two-zone kit
- 7 bypass\*
- 8 DHW recirculation pump\*
- 9 solar circulation kit
- 10 ELFOSun3 thermal solar
- 11 SwitchConnect Wi-Fi receiver
- 12 Wi-Fi chronothermostat HID-TConnect2



### Single zone + Boiler Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 condensing boiler
- 4 bypass\*
- 5 heating system
- 6 DHW recirculation pump
- 7 Hydraulic separator single-area kit + pump
- 8 SwitchConnect Wi-Fi receiver
- 9 Wi-Fi chronothermostat HID-TConnect2

# Hydro-split EASYBOX

WISAN-YME 1 S + HQCN-NEE 1 BC A  
WISAN-PME 1 S + HQCN-NEE 1 BC

PRELIMINARY

Wall-mounted indoor unit for Hydro-split systems

Can be combined with EDGE EVO 2.0 and EDGE F

## ENERGY SAVING



Solar integration (optional - DHW tank)



Cascade



€-Switch

## COMFORT



Hot Cold



DHW



Silent

## RELIABILITY



Backup heater (optional)

## HEALTH



Renewable Energy (Full electric version)

## CONVENIENCE



Weekley Timer



Contemporaneity (Hybrid Version)



Instant DHW (Hybrid Version)

## MANAGEMENT AND CONNECTIVITY



Input ON/OFF



Port Modbus



Control via App



Management Control4 NRG



Clivet Eye monitoring



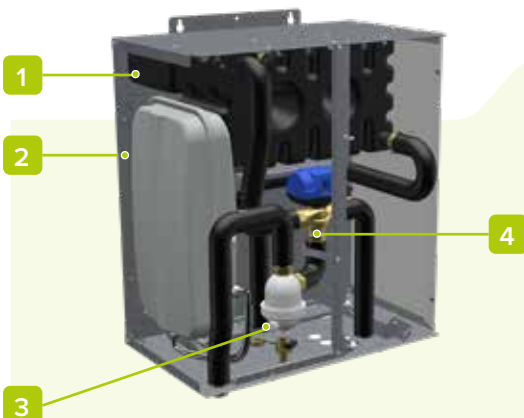
User interface / thermostat



- ✓ Compact module
- ✓ Plug and play
- ✓ Complete (filter - 3-way - inertial)
- ✓ Intuitive connections
- ✓ Dirt separator filter, 3-way DHW valve

## Universal

EASYBOX is the hydraulic module similar in size to a boiler that can house the hydraulic components to connect the heat pump to the heating and cooling system. Ready to be combined with the EDGE EVO 2.0 and Edge F range of packaged heat pumps from size 2.1 to 8.1, for a high-level heating and cooling system.









1. 15 liter system inertial storage tank
2. 12-litre system expansion tank
3. Magnetic dirt separator filter
4. 3-way valve for DHW




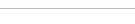








## configurations

Hybrid version in combination with Clivet FE boiler

## internal accessories

|                                                                                    |                |                                                                                                   |
|------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------|
|   | <b>EH246X</b>  | Additional electric heater adjustable to three capacities of 2, 4 or 6 kW                         |
|   | <b>EH9X</b>    | Additional electric heater adjustable to one capacity of 9 kW                                     |
|   | <b>KIR2HX</b>  | Hydraulic kit for managing two areas with the same temperature                                    |
|   | <b>KIR2HLX</b> | Hydraulic kit for managing two areas with high and mixed temperature                              |
|   | <b>KCSIX</b>   | Kit for hydraulic separation between primary and secondary circuit with pump on secondary circuit |
|  | <b>SICGX</b>   | Intermediate exchanger for clean separation between primary and secondary circuit                 |

## external accessories

|                                                                                     |                |                                            |                                                                                     |               |                                                                         |
|-------------------------------------------------------------------------------------|----------------|--------------------------------------------|-------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------|
|  | <b>ACS200X</b> | 200 liter DHW tank                         |  | <b>T1BX</b>   | Water temperature probe 10 m                                            |
|  | <b>ACS300X</b> | 300 liter DHW tank                         |  | <b>T1B30X</b> | Water temperature probe 30 m                                            |
|  | <b>ACS500X</b> | 500 liter DHW tank                         |  | <b>VDACSX</b> | Thermostatic switching valve ACS                                        |
|  | <b>SCS08X</b>  | Solar coil for boilers ACS ACS200X/ACS300X |  | <b>KISX</b>   | Simplified installation kit with fittings for SPHERA EVO 2.0 Box Hybrid |
|  | <b>SCS12X</b>  | Solar coil for boiler ACS ACS500X          |  | <b>HTC2WX</b> | Chronothermostat HID-TConnect22 for temperature control, white          |
|  | <b>ACI40X</b>  | System inertial tank 40 litres             |  | <b>SWCX</b>   | Receiver / switch IoT SwitchConnect                                     |

## technical data - EASYBox + Edge EVO 2.0

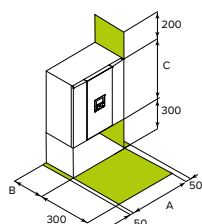
| Size - Set                         |                          |                           |                   | 2.1               | 3.1          | 4.1         | 5.1         | 6.1         | 7.1         | 8.1         |             |     |
|------------------------------------|--------------------------|---------------------------|-------------------|-------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| Heating                            | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW                | 4,20 / 5,33  | 6,35 / 7,41 | 8,40 / 9,11 | 10,0 / 10,3 | 12,1 / 14,6 | 14,5 / 15,5 | 15,9 / 16,8 |     |
|                                    | COP                      | Outdoor air 7°C           | Nominal           | -                 | 5,10         | 4,95        | 5,15        | 4,95        | 4,95        | 4,60        | 4,50        |     |
|                                    | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW                | 4,70 / 4,99  | 6,00 / 6,21 | 7,00 / 7,27 | 8,00 / 8,31 | 10,0 / 11,0 | 12,0 / 12,7 | 13,1 / 13,9 |     |
|                                    | COP                      | Outdoor air -7°C          | Nominal           | -                 | 3,10         | 3,00        | 3,20        | 3,05        | 3,00        | 2,85        | 2,70        |     |
| Cooling                            | Capacity                 | Water 45/40°C             | Nominal / Maximum | kW                | 4,30 / 5,96  | 6,30 / 7,13 | 8,10 / 8,98 | 10,0 / 10,3 | 12,3 / 14,5 | 14,1 / 15,7 | 16,0 / 16,6 |     |
|                                    | COP                      | Outdoor air 7°C           | Nominal           | -                 | 3,80         | 3,70        | 3,85        | 3,75        | 3,70        | 3,60        | 3,50        |     |
|                                    | Capacity                 | Water 18/23°C             | Nominal / Maximum | kW                | 4,50 / 7,65  | 6,50 / 7,65 | 8,30 / 11,1 | 9,90 / 12,0 | 12,0 / 15,0 | 13,5 / 15,3 | 14,2 / 16,4 |     |
|                                    | EER                      | Outdoor air 35°C          | Nominal           | -                 | 5,50         | 4,80        | 5,05        | 4,55        | 3,95        | 3,61        | 3,61        |     |
| Electrical power for meter sizing  | Capacity                 | Water 7/12°C              | Nominal / Maximum | kW                | 4,70 / 6,14  | 7,00 / 7,11 | 7,45 / 7,94 | 8,20 / 8,67 | 11,5 / 11,5 | 12,4 / 12,4 | 14,0 / 14,0 |     |
|                                    | EER                      | Outdoor air 35°C          | Nominal           | -                 | 3,45         | 3,00        | 3,35        | 3,25        | 2,75        | 2,50        | 2,50        |     |
| Seasonal efficiency Medium climate | Heating Water 55°C       | Energy class              | -                 | -                 | A++          | A++         | A++         | A++         | A++         | A++         | A++         |     |
|                                    |                          | Annual energy consumption | -                 | -                 | 2.749        | 3.348       | 4.064       | 4.541       | 6.916       | 6.917       | 7.213       |     |
|                                    |                          | SCOP                      | -                 | -                 | 3,31         | 3,52        | 3,37        | 3,47        | 3,45        | 3,47        | 3,41        |     |
|                                    | Heating Water 35°C       | ηs (seasonal output)      | %                 | -                 | -            | 129         | 138         | 131         | 137         | 135         | 135         | 133 |
|                                    |                          | Energy class              | -                 | -                 | A+++         | A+++        | A+++        | A+++        | A+++        | A+++        | A+++        |     |
|                                    |                          | Annual energy consumption | -                 | -                 | 2.354        | 2.849       | 3.223       | 3.649       | 5.156       | 5.157       | 6.011       |     |
| Seasonal efficiency Medium climate | Heating Water 35°C       | SCOP                      | -                 | -                 | 4,85         | 4,95        | 5,22        | 5,20        | 4,81        | 4,72        | 4,62        |     |
|                                    |                          | ηs (seasonal output)      | %                 | -                 | -            | 191         | 195         | 205         | 205         | 189         | 186         | 182 |
| <b>Size - Indoor unit</b>          |                          |                           |                   | <b>A</b>          |              |             |             |             |             |             |             |     |
| Power supply                       | Voltage/Frequency/Phases |                           |                   | V/Hz/n°           | 220-240/50/1 |             |             |             |             |             |             |     |
| Expansion tank capacity            |                          |                           |                   | l                 | 12           |             |             |             |             |             |             |     |
| Sound power                        | Nominal                  |                           |                   | dB(A)             | 41           |             |             |             |             |             |             |     |
| Sound pressure @1m                 | Nominal                  |                           |                   | dB(A)             | 26           |             |             |             |             |             |             |     |
| <b>Size - Outdoor unit</b>         |                          |                           |                   | <b>2.1</b>        | <b>3.1</b>   | <b>4.1</b>  | <b>5.1</b>  | <b>6.1</b>  | <b>7.1</b>  | <b>8.1</b>  |             |     |
| Power supply                       | Voltage/Frequency/Phases |                           |                   | V/Hz/n°           | 220-240/50/1 |             |             |             |             |             |             |     |
| Water flow-rate                    | Water 35/30°C            | Nominal                   | l/s               | 0,20              | 0,30         | 0,40        | 0,48        | 0,58        | 0,69        | 0,76        |             |     |
| Pump available pressure            | Outdoor air 7°C          | Nominal                   | kPa               | 85                | 85           | 86          | 86          | 88          | 87          | 87          |             |     |
| Expansion tank capacity            |                          |                           |                   | l                 | 4,8          |             |             |             |             |             |             |     |
| Minimum system water content       |                          |                           |                   | l                 | 30           |             |             |             |             |             |             |     |
| Sound power                        | Minimum / Nominal        |                           |                   | dB(A)             | 53 / 55      | 55 / 58     | 54 / 59     | 55 / 60     | 59 / 65     | 59 / 65     | 59 / 68     |     |
| Sound pressure @1m                 | Minimum / Nominal        |                           |                   | dB(A)             | 39 / 41      | 41 / 44     | 40 / 45     | 40 / 46     | 44 / 50     | 44 / 50     | 44 / 53     |     |
| Expansion tank capacity            |                          |                           |                   | l                 | 4,8          |             |             |             |             |             |             |     |
| <b>Operating range</b>             |                          |                           |                   |                   |              |             |             |             |             |             |             |     |
| Water supply temperature           | Heating / DHW            | Full electric             | Minimum / Maximum | °C                | 25 / 65      |             |             |             |             |             |             |     |
|                                    |                          | Hybrid                    | Minimum / Maximum | °C                | 25 / 75      |             |             |             |             |             |             |     |
| Operating range (Outdoor air)      | Cooling                  | -                         | Minimum / Maximum | °C                | 5 / 25       |             |             |             |             |             |             |     |
|                                    |                          | Heating                   | -                 | Minimum / Maximum | °C           | -25 / 35    |             |             |             |             |             |     |
| Operating range (Outdoor air)      | DHW                      | -                         | Minimum / Maximum | °C                | -25 / 43     |             |             |             |             |             |             |     |
|                                    |                          | Cooling                   | -                 | Minimum / Maximum | °C           | -5 / 43     |             |             |             |             |             |     |

## dimensions and connections

| Size                  |              |                |                      | 2.1           | 3.1 | 4.1           | 5.1 | 6.1 | 7.1    | 8.1 |
|-----------------------|--------------|----------------|----------------------|---------------|-----|---------------|-----|-----|--------|-----|
| Dimensions            | Indoor unit  | AxCxB          | mm                   | 547x604x386   |     |               |     |     |        |     |
|                       | Outdoor unit | AxCxB          | mm                   | 1.295x717x400 |     | 1.385x864x445 |     |     |        |     |
| Operating weight      | Indoor unit  |                | kg                   | 52            |     |               |     |     |        |     |
|                       | Outdoor unit |                | kg                   | 86            |     | 105           |     |     | 129    |     |
| Refrigerant precharge |              |                | type / GWP           | R-32 / 675    |     |               |     |     |        |     |
|                       |              |                | kg                   | 1,40          |     |               |     |     | 1,75   |     |
|                       |              |                | CO <sub>2</sub> tons | 0,95          |     |               |     |     | 1,18   |     |
| External diameters    | Indoor unit  | Water (System) | inch                 | 1"            |     |               |     |     |        |     |
|                       | Outdoor unit | Water (System) | inch                 | 1"            |     |               |     |     | 1" 1/4 |     |

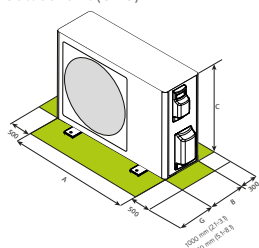
### HQCEN-NEE 1 BC

Indoor unit (IDU)



### WiSAN-YME 1 S

Outdoor unit (ODU)



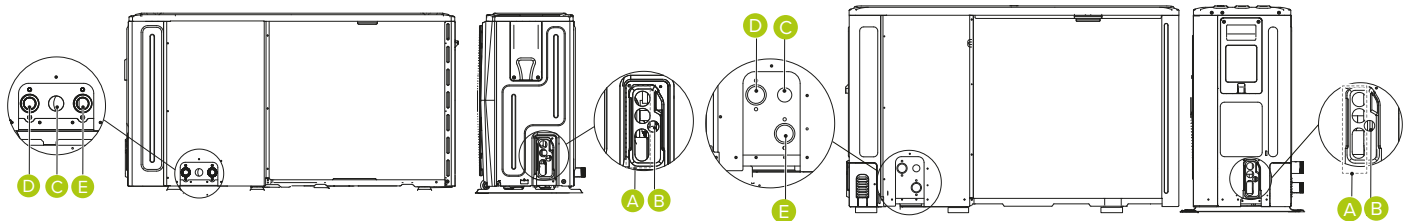
For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

| <b>Size - Set</b>                  |               |                          |                           | <b>6.1</b>  | <b>7.1</b>     | <b>8.1</b>  |
|------------------------------------|---------------|--------------------------|---------------------------|-------------|----------------|-------------|
| Heating                            | Capacity      | Water 35/30°C            | Nominal / Maximum kW      | 12,1 / 14,6 | 14,5 / 15,5    | 15,9 / 16,8 |
|                                    | COP           | Outdoor air 7°C          | Nominal                   | 4,95        | 4,60           | 4,50        |
|                                    | Capacity      | Water 35/30°C            | Nominal / Maximum kW      | 10,0 / 11,0 | 12,0 / 12,7    | 13,1 / 13,9 |
|                                    | COP           | Outdoor air -7°C         | Nominal                   | 3,00        | 2,85           | 2,70        |
|                                    | Capacity      | Water 45/40°C            | Nominal / Maximum kW      | 12,3 / 14,5 | 14,1 / 15,7    | 16,0 / 16,6 |
|                                    | COP           | Outdoor air 7°C          | Nominal                   | 3,70        | 3,60           | 3,50        |
| Cooling                            | Capacity      | Water 18/23°C            | Nominal / Maximum kW      | 12,0 / 15,0 | 13,5 / 15,3    | 14,2 / 16,4 |
|                                    | EER           | Outdoor air 35°C         | Nominal                   | 3,95        | 3,61           | 3,61        |
|                                    | Capacity      | Water 7/12°C             | Nominal / Maximum kW      | 11,5 / 11,5 | 12,4 / 12,4    | 14,0 / 14,0 |
|                                    | EER           | Outdoor air 35°C         | Nominal                   | 2,75        | 2,50           | 2,50        |
| Electrical power for meter sizing  |               |                          | kW                        | 5,50        | 5,80           | 6,20        |
| Seasonal efficiency Medium climate | Heating       |                          | Energy class              | -           | <b>A++</b>     | <b>A++</b>  |
|                                    | Water 55°C    |                          | Annual energy consumption | -           | 6.916          | 6.917       |
|                                    |               |                          | SCOP                      | -           | 3,45           | 3,47        |
|                                    |               |                          | ηs (seasonal output)      | %           | 135            | 135         |
|                                    | Cooling       |                          | Energy class              | -           | <b>A+++</b>    | <b>A+++</b> |
|                                    | Water 35°C    |                          | Annual energy consumption | -           | 5.156          | 5.157       |
|                                    |               |                          | SCOP                      | -           | 4,81           | 4,72        |
|                                    |               |                          | ηs (seasonal output)      | %           | 189            | 186         |
| <b>Size - Indoor unit</b>          |               |                          |                           | <b>A</b>    |                |             |
| Power supply                       |               | Voltage/Frequency/Phases |                           | V/Hz/n°     | 220-240/50/1   |             |
| Expansion tank capacity            |               |                          |                           | l           | 12             |             |
| Sound power                        |               | Nominal                  |                           | dB(A)       | 41             |             |
| Sound pressure @1m                 |               | Nominal                  |                           | dB(A)       | 26             |             |
| <b>Size - Outdoor unit</b>         |               |                          |                           | <b>6.1</b>  | <b>7.1</b>     | <b>8.1</b>  |
| Power supply                       |               | Voltage/Frequency/Phases |                           | V/Hz/n°     | 380-415/50/3+N |             |
| Water flow-rate                    |               | Water 35/30°C            | Nominal                   | l/s         | 0,58           | 0,69        |
| Pump available pressure            |               | Outdoor air 7°C          | Nominal                   | kPa         | 88             | 87          |
| Expansion tank capacity            |               |                          |                           | l           | 4,8            |             |
| Minimum system water content       |               |                          |                           | l           | 70             |             |
| Sound power                        |               | Minimum / Nominal        |                           | dB(A)       | 59 / 65        | 59 / 68     |
| Sound pressure @1m                 |               | Minimum / Nominal        |                           | dB(A)       | 44 / 50        | 44 / 53     |
| <b>Operating range</b>             |               |                          |                           |             |                |             |
| Water supply temperature           | Heating / DHW | Full electric            | Minimum / Maximum °C      | 25 / 65     |                |             |
|                                    |               | Hybrid                   | Minimum / Maximum °C      | 25 / 75     |                |             |
|                                    | Cooling       | -                        | Minimum / Maximum °C      | 5 / 25      |                |             |
| Operating range (Outdoor air)      | Heating       | -                        | Minimum / Maximum °C      | -25 / 35    |                |             |
|                                    | DHW           | -                        | Minimum / Maximum °C      | -25 / 43    |                |             |
|                                    | Cooling       | -                        | Minimum / Maximum °C      | -5 / 43     |                |             |

| <b>Size</b>           |              |                |                      | <b>6.1</b>    | <b>7.1</b> | <b>8.1</b> |
|-----------------------|--------------|----------------|----------------------|---------------|------------|------------|
| Dimensions            | Indoor unit  | AxCxB          | mm                   | 547x604x386   |            |            |
|                       | Outdoor unit | AxCxB          | mm                   | 1.385x864x445 |            |            |
| Operating weight      | Indoor unit  |                |                      | 52            |            |            |
|                       | Outdoor unit |                |                      | 129           |            |            |
| Refrigerant precharge |              |                | type / GWP           | R-32 / 675    |            |            |
|                       |              |                | kg                   | 1,75          |            |            |
|                       |              |                | CO <sub>2</sub> tons | 1,18          |            |            |
| External diameters    | Indoor unit  | Water (System) | inch                 | 1"            |            |            |
|                       | Outdoor unit | Water (System) | inch                 | 1" 1/4        |            |            |

SIZES 2.1 to 3.1

SIZES 4.1 to 8.1



**A.** Hole for high voltage cable (power supply)

**B.** Hole for low pressure cable (control and signal cables)

**C.** Hole for discharge pipe

**D.** Water outlet

**E.** Water inlet

## technical data - EASYBox + Edge F

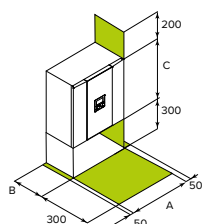
| Size - Set                         |                          |                           |                   | 2.1               | 3.1         | 4.1         | 5.1         | 6.1          | 7.1         | 8.1         |             |       |
|------------------------------------|--------------------------|---------------------------|-------------------|-------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------|
| Heating                            | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW                | 4,50 / 6,86 | 6,20 / 7,70 | 8,40 / 10,4 | 10,0 / 11,0  | 12,0 / 14,7 | 14,0 / 16,0 | 15,0 / 17,6 |       |
|                                    | COP                      | Outdoor air 7°C           | Nominal           | -                 | 5,15        | 4,90        | 5,00        | 4,70         | 4,80        | 4,50        | 4,40        |       |
|                                    | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW                | 4,50 / 5,56 | 5,90 / 6,18 | 7,00 / 8,74 | 8,00 / 8,89  | 10,0 / 11,1 | 11,0 / 12,1 | 11,5 / 13,2 |       |
|                                    | COP                      | Outdoor air -7°C          | Nominal           | -                 | 3,10        | 2,95        | 3,00        | 2,85         | 2,80        | 2,75        | 2,70        |       |
| Cooling                            | Capacity                 | Water 45/40°C             | Nominal / Maximum | kW                | 4,50 / 6,55 | 6,40 / 7,35 | 8,20 / 9,57 | 10,0 / 10,5  | 12,0 / 14,1 | 14,0 / 15,3 | 15,0 / 16,9 |       |
|                                    | COP                      | Outdoor air 7°C           | Nominal           | -                 | 4,05        | 3,80        | 3,85        | 3,65         | 3,70        | 3,50        | 3,35        |       |
|                                    | Capacity                 | Water 18/23°C             | Nominal / Maximum | kW                | 4,90 / 7,84 | 5,90 / 9,75 | 6,80 / 11,4 | 7,80 / 12,13 | 12,0 / 16,4 | 13,0 / 17,3 | 14,4 / 18,6 |       |
|                                    | EER                      | Outdoor air 35°C          | Nominal           | -                 | 5,50        | 5,10        | 5,15        | 4,75         | 4,50        | 4,20        | 3,90        |       |
| Electrical power for meter sizing  | Capacity                 | Water 7/12°C              | Nominal / Maximum | kW                | 4,70 / 5,66 | 6,80 / 7,14 | 7,50 / 8,19 | 8,76 / 8,76  | 11,5 / 12,0 | 12,7 / 12,7 | 14,0 / 14,3 |       |
|                                    | EER                      | Outdoor air 35°C          | Nominal           | -                 | 3,65        | 3,10        | 3,45        | 3,01         | 3,05        | 2,90        | 2,75        |       |
|                                    |                          |                           |                   | kW                | 2,70        | 3,00        | 3,60        | 3,90         | 5,70        | 6,00        | 6,40        |       |
| Seasonal efficiency Medium climate | Energy class             |                           |                   | -                 | A++         | A++         | A++         | A++          | A++         | A++         | A++         |       |
|                                    | Heating Water 55°C       | Annual energy consumption |                   |                   | -           | 2.684       | 3.164       | 3.676        | 4.215       | 6.847       | 7.414       | 8.349 |
|                                    |                          | SCOP                      |                   |                   | -           | 3,79        | 3,81        | 3,81         | 3,82        | 3,62        | 3,62        | 3,57  |
|                                    | ηs (seasonal output)     |                           |                   | %                 | 148         | 150         | 150         | 150          | 142         | 142         | 140         |       |
|                                    | Energy class             |                           |                   | -                 | A+++        | A+++        | A+++        | A+++         | A+++        | A+++        | A+++        |       |
|                                    | Heating Water 35°C       | Annual energy consumption |                   |                   | -           | 2.040       | 2.692       | 3.187        | 3.734       | 5.376       | 6.091       | 6.630 |
|                                    |                          | SCOP                      |                   |                   | -           | 5,09        | 4,91        | 5,20         | 5,07        | 4,68        | 4,64        | 4,59  |
|                                    | ηs (seasonal output)     |                           |                   | %                 | 201         | 194         | 205         | 200          | 184         | 182         | 181         |       |
| <b>Size - Indoor unit</b>          |                          |                           |                   | <b>TO</b>         |             |             |             | <b>B</b>     |             |             |             |       |
| Power supply                       | Voltage/Frequency/Phases |                           |                   | V/Hz/n°           | 230/50/1    |             |             |              |             |             |             |       |
| Expansion tank capacity            |                          |                           |                   | l                 | 12          |             |             |              |             |             |             |       |
| Sound power                        | Nominal                  |                           |                   | dB(A)             | 41          |             |             |              |             |             |             |       |
| Sound pressure @1m                 | Nominal                  |                           |                   | dB(A)             | 26          |             |             |              |             |             |             |       |
| <b>Size - Outdoor unit</b>         |                          |                           |                   | <b>2.1</b>        |             |             |             | <b>3.1</b>   |             |             |             |       |
| Power supply                       | Voltage/Frequency/Phases |                           |                   | V/Hz/n°           | 230/50/1    |             |             |              |             |             |             |       |
| Water flow-rate                    | Water 35/30°C            |                           |                   | Nominal           | l/s         | 0,21        | 0,30        | 0,40         | 0,48        | 0,57        | 0,67        | 0,71  |
| Pump available pressure            | Outdoor air 7°C          |                           |                   | Nominal           | kPa         | 89          | 87          | 80           | 71          | 63          | 54          | 49    |
| Expansion tank capacity            |                          |                           |                   | l                 | 8           |             |             |              |             |             |             |       |
| Minimum system water content       |                          |                           |                   | l                 | 30          |             |             |              | 70          |             |             |       |
| Sound power                        | Minimum / Nominal        |                           |                   | dB(A)             | 51 / 56     | 53 / 58     | 55 / 60     | 56 / 61      | 58 / 65     | 59 / 65     | 60 / 69     |       |
| Sound pressure @1m                 | Minimum / Nominal        |                           |                   | dB(A)             | 40 / 44     | 42 / 46     | 42 / 48     | 43 / 49      | 43 / 51     | 44 / 52     | 48 / 56     |       |
| <b>Operating range</b>             |                          |                           |                   |                   |             |             |             |              |             |             |             |       |
| Water supply temperature           | Heating / DHW            | Full electric             | Minimum / Maximum | °C                | 25 / 75     |             |             |              |             |             |             |       |
|                                    |                          | Hybrid                    | Minimum / Maximum | °C                | 25 / 75     |             |             |              |             |             |             |       |
| Operating range (Outdoor air)      | Cooling                  | -                         | Minimum / Maximum | °C                | 5 / 25      |             |             |              |             |             |             |       |
|                                    |                          | Heating                   | -                 | Minimum / Maximum | °C          | -25 / 35    |             |              |             |             |             |       |
| range                              | DHW                      | -                         | Minimum / Maximum | °C                | -25 / 43    |             |             |              |             |             |             |       |
|                                    |                          | Cooling                   | -                 | Minimum / Maximum | °C          | -5 / 43     |             |              |             |             |             |       |

## dimensions and connections

| Size                  |                      |                |      | 2.1           | 3.1 | 4.1   | 5.1 | 6.1           | 7.1 | 8.1 |  |
|-----------------------|----------------------|----------------|------|---------------|-----|-------|-----|---------------|-----|-----|--|
| Dimensions            | Indoor unit          | AxCxB          | mm   | 547x604x386   |     |       |     |               |     |     |  |
|                       | Outdoor unit         | AxCxB          | mm   | 1.295x718x371 |     |       |     | 1.385x865x423 |     |     |  |
| Operating weight      | Indoor unit          |                | kg   | 52            |     |       |     |               |     |     |  |
|                       | Outdoor unit         |                | kg   | 90            |     | 117   |     | 135           |     |     |  |
| Refrigerant precharge | type / GWP           |                |      | R-290 / 3     |     |       |     |               |     |     |  |
|                       | kg                   |                |      | 0,70          |     | 1,10  |     | 1,25          |     |     |  |
|                       | CO <sub>2</sub> tons |                |      | 0,002         |     | 0,003 |     | 0,004         |     |     |  |
| External diameters    | Indoor unit          | Water (System) | inch | 1"            |     |       |     |               |     |     |  |
|                       | Outdoor unit         | Water (System) | inch | 1"            |     | 1"    |     | 1" 1/4        |     |     |  |

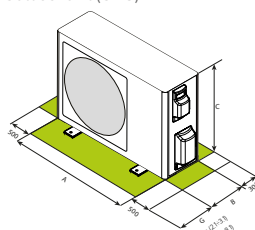
### HQCN-NEE 1 BC

Indoor unit (IDU)



### WiSAN-PME 1 S

Outdoor unit (ODU)



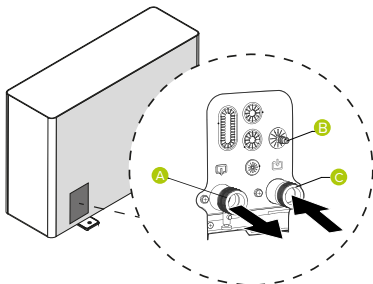
G = 1000 mm (2.1-3.1) / 1500 mm (5.1-8.1)

For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

| <b>Size - Set</b>                     |                       |                           |                      | <b>6.1</b>   | <b>7.1</b>         | <b>8.1</b>         |                    |
|---------------------------------------|-----------------------|---------------------------|----------------------|--------------|--------------------|--------------------|--------------------|
| Heating                               | Capacity              | Water 35/30°C             | Nominal / Maximum    | kW           | <b>12,0 / 14,7</b> | <b>14,0 / 16,0</b> | <b>15,0 / 17,6</b> |
|                                       | COP                   | Outdoor air 7°C           | Nominal              | -            | 4,80               | 4,50               | 4,40               |
|                                       | Capacity              | Water 35/30°C             | Nominal / Maximum    | kW           | 10,0 / 11,1        | 11,5 / 12,1        | 12,7 / 13,2        |
|                                       | COP                   | Outdoor air -7°C          | Nominal              | -            | 2,80               | 2,70               | 2,50               |
|                                       | Capacity              | Water 45/40°C             | Nominal / Maximum    | kW           | 12,0 / 14,1        | 14,0 / 15,3        | 15,0 / 16,9        |
|                                       | COP                   | Outdoor air 7°C           | Nominal              | -            | 3,70               | 3,50               | 3,35               |
| Cooling                               | Capacity              | Water 18/23°C             | Nominal / Maximum    | kW           | <b>12,0 / 16,4</b> | <b>13,0 / 17,3</b> | <b>14,4 / 18,6</b> |
|                                       | EER                   | Outdoor air 35°C          | Nominal              | -            | 4,50               | 4,20               | 3,90               |
|                                       | Capacity              | Water 7/12°C              | Nominal / Maximum    | kW           | 11,5 / 12,0        | 12,7 / 12,7        | 14,0 / 14,3        |
|                                       | EER                   | Outdoor air 35°C          | Nominal              | -            | 3,05               | 2,90               | 2,75               |
| Electrical power for meter sizing     |                       |                           |                      | kW           | 5,70               | 6,00               | 6,40               |
| Seasonal efficiency<br>Medium climate | Energy class          |                           | -                    | <b>A++</b>   | <b>A++</b>         | <b>A++</b>         |                    |
|                                       | Heating<br>Water 55°C | Annual energy consumption |                      | -            | 6.847              | 7.414              | 8.349              |
|                                       |                       | SCOP                      |                      | -            | 3,62               | 3,62               | 3,57               |
|                                       | ηs (seasonal output)  |                           | %                    | 142          | 142                | 140                |                    |
|                                       | Energy class          |                           | -                    | <b>A+++</b>  | <b>A+++</b>        | <b>A+++</b>        |                    |
|                                       | Heating<br>Water 35°C | Annual energy consumption |                      | -            | 5.376              | 6.091              | 6.630              |
|                                       |                       | SCOP                      |                      | -            | 4,68               | 4,64               | 4,59               |
|                                       | ηs (seasonal output)  |                           | %                    | 184,0        | 182,4              | 180,6              |                    |
| <b>Size - Indoor unit</b>             |                       |                           |                      | <b>TO</b>    |                    |                    |                    |
| Power supply                          |                       | Voltage/Frequency/Phases  |                      | V/Hz/n°      |                    |                    |                    |
|                                       |                       |                           |                      | 220-240/50/1 |                    |                    |                    |
| Expansion tank capacity               |                       |                           |                      | l            |                    |                    |                    |
|                                       |                       |                           |                      | 12           |                    |                    |                    |
| Sound power                           |                       | Nominal                   |                      | dB(A)        |                    |                    |                    |
|                                       |                       |                           |                      | 41           |                    |                    |                    |
| Sound pressure @1m                    |                       | Nominal                   |                      | dB(A)        |                    |                    |                    |
|                                       |                       |                           |                      | 26           |                    |                    |                    |
| <b>Size - Outdoor unit</b>            |                       |                           |                      | <b>6.1</b>   | <b>7.1</b>         | <b>8.1</b>         |                    |
| Power supply                          |                       | Voltage/Frequency/Phases  |                      | V/Hz/n°      |                    |                    |                    |
|                                       |                       |                           |                      | 220-240/50/1 |                    |                    |                    |
| Water flow-rate                       |                       | Water 35/30°C             |                      | Nominal      |                    |                    |                    |
|                                       |                       |                           |                      | l/s          |                    |                    |                    |
|                                       |                       |                           |                      | 0,57         |                    |                    |                    |
| Pump available pressure               |                       | Outdoor air 7°C           |                      | Nominal      |                    |                    |                    |
|                                       |                       |                           |                      | kPa          |                    |                    |                    |
|                                       |                       |                           |                      | 63           |                    |                    |                    |
| Expansion tank capacity               |                       |                           |                      | l            |                    |                    |                    |
|                                       |                       |                           |                      | 8 (Odu)      |                    |                    |                    |
| Minimum system water content          |                       |                           |                      | l            |                    |                    |                    |
|                                       |                       |                           |                      | 400/50/3+N   |                    |                    |                    |
| Sound power                           |                       | Minimum / Nominal         |                      | dB(A)        |                    |                    |                    |
|                                       |                       |                           |                      | 58 / 65      |                    |                    |                    |
| Sound pressure @1m                    |                       | Minimum / Nominal         |                      | dB(A)        |                    |                    |                    |
|                                       |                       |                           |                      | 43 / 51      |                    |                    |                    |
|                                       |                       |                           |                      | 44 / 52      |                    |                    |                    |
|                                       |                       |                           |                      | 48 / 56      |                    |                    |                    |
| <b>Operating range</b>                |                       |                           |                      |              |                    |                    |                    |
| Water supply<br>temperature           | Heating / DHW         | Full electric             | Minimum / Maximum °C |              | 25 / 75            |                    |                    |
|                                       |                       | Hybrid                    | Minimum / Maximum °C |              | 25 / 75            |                    |                    |
| Operating<br>range<br>(Outdoor air)   | Cooling               | -                         | Minimum / Maximum °C |              | 5 / 25             |                    |                    |
|                                       |                       | -                         | Minimum / Maximum °C |              | -25 / 35           |                    |                    |
| Operating<br>range<br>(Outdoor air)   | DHW                   | -                         | Minimum / Maximum °C |              | -25 / 46           |                    |                    |
|                                       |                       | -                         | Minimum / Maximum °C |              | -5 / 46            |                    |                    |

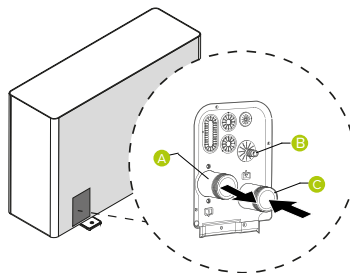
| <b>Size</b>                        |              |                |          | <b>6.1</b>    | <b>7.1</b> | <b>8.1</b> |
|------------------------------------|--------------|----------------|----------|---------------|------------|------------|
| Dimensions                         | Indoor unit  | AxCxB          | mm       | 547x604x386   |            |            |
|                                    | Outdoor unit | AxCxB          | mm       | 1.385x865x423 |            |            |
| Operating<br>weight                | Indoor unit  |                | kg       | 52            |            |            |
|                                    | Outdoor unit |                | kg       | 135           |            |            |
| Refrigerant precharge <sup>1</sup> |              |                | type /   | R-290 / 3     |            |            |
|                                    |              |                | GWP      | 1,25          |            |            |
|                                    |              |                | kg       | 0,004         |            |            |
|                                    |              |                | CO2 tons | 1"            |            |            |
| External dia-<br>meters            | Indoor unit  | Water (System) | inch     | 1"            |            |            |
|                                    | Outdoor unit | Water (System) | inch     | 1" 1/4        |            |            |

SIZES 2.1 to 3.1



- A.** 1" system supply
- B.** Pressure relief valve Ø 16mm
- C.** 1" system return

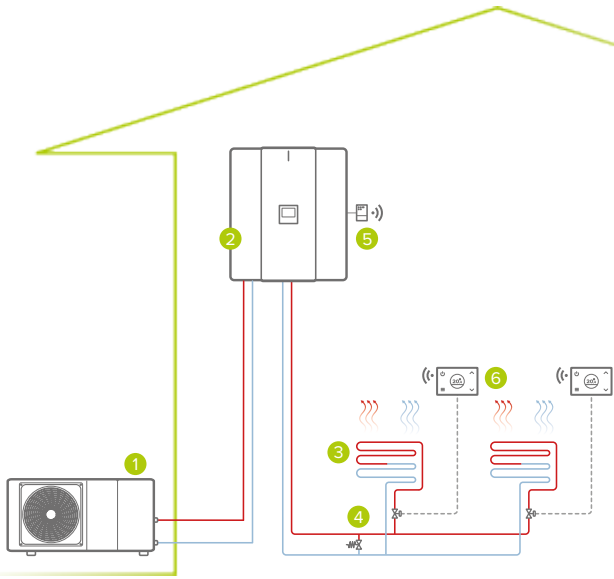
SIZES 4.1 to 8.1



- A.** 1 1/4" system supply
- B.** Pressure relief valve Ø 16mm
- C.** 1 1/4" system return

**Single-zone system:**  
Heating / DHW

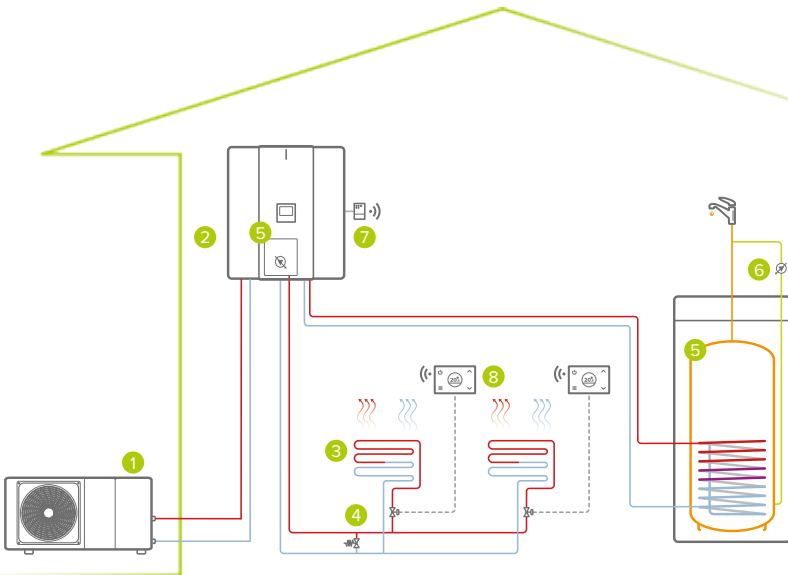
- 1 outdoor unit
- 2 indoor unit
- 3 heating system
- 4 bypass\*
- 5 SwitchConnect Wi-Fi receiver
- 6 Wi-Fi chronothermostat HID-TConnect2

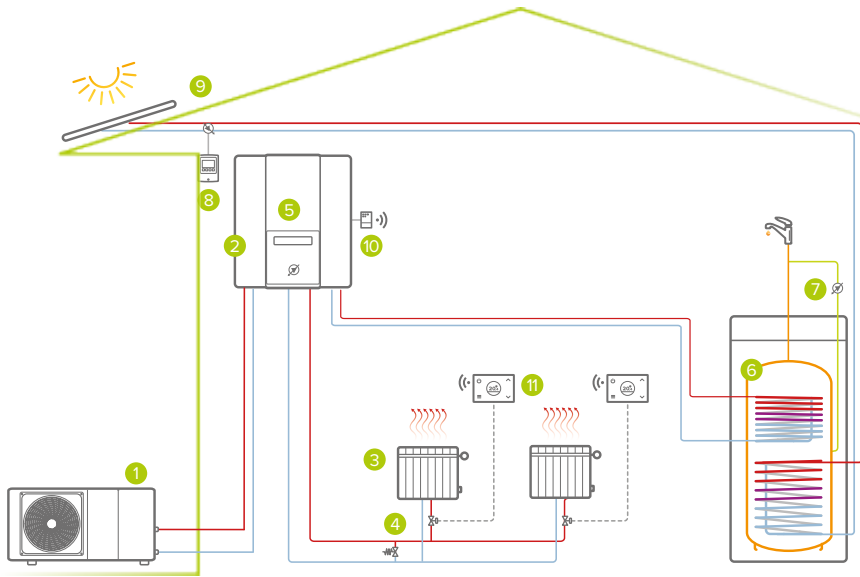


**Single-area system + external DHW water tank:**  
Heating / DHW

Heating / DHW

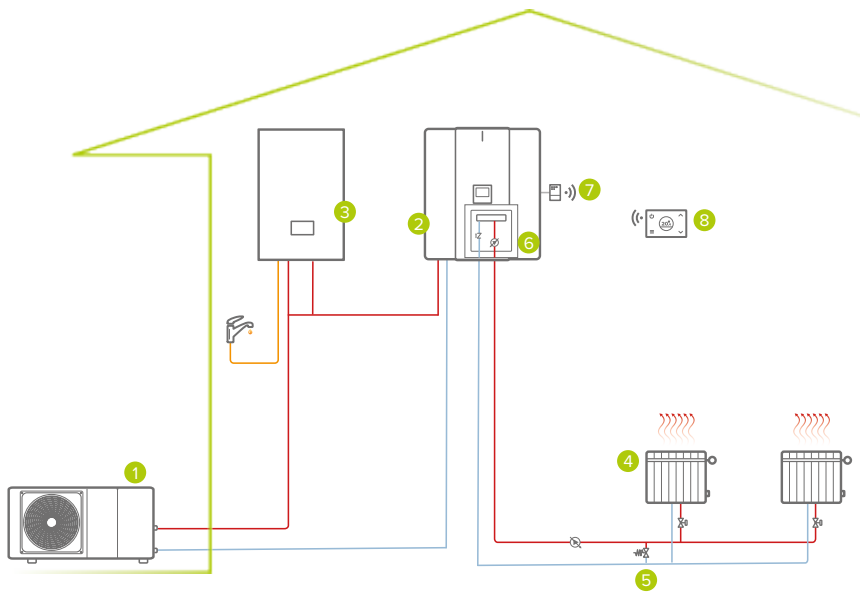
- 1 outdoor unit
- 2 indoor unit
- 3 mixed heating/cooling area
- 4 bypass\*
- 5 Hydraulic separator kit + pump
- 6 DHW recirculation pump
- 7 SwitchConnect Wi-Fi receiver
- Wi-Fi chronothermostat HID-TConnect2





**Two-area system + water tank + solar:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating system
- 4 bypass\*
- 5 Hydraulic separator kit + secondary pump
- 6 DHW boiler
- 7 DHW recirculation pump
- 8 solar circulation kit
- 9 ELFOSun2 solar thermal
- 10 SwitchConnect Wi-Fi receiver
- 11 Wi-Fi chronothermostat HID-TConnect2



**Single-area system + instantaneous boiler:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 instantaneous boiler
- 4 heating area
- 5 bypass
- 6 single-area kit
- 7 SwitchConnect Wi-Fi receiver
- 8 Wi-Fi chronothermostat HID-TConnect2

# Hydro-split EASYIN

PRELIMINARY

WiSAN-YME 1 S + HQCN-NEE 1 IC A

WiSAN-PME 1 S + HQCN-NEE 1 IC

Can be combined with EDGE EVO 2.0 and EDGE F

Uncased indoor unit for Hydro-split systems

#### ENERGY SAVING



Solar integration (optional)



€-Switch

#### COMFORT



Hot Cold



DHW



Silent

#### RELIABILITY



Backup heater (optional)

#### HEALTH



Energy renewable (Full electric version)

#### CONVENIENCE



Weekley Timer



Integrated DHW tank



Contemporaneity (Hybrid Version)



Instant DHW (Hybrid Version)

#### MANAGEMENT AND CONNECTIVITY



Input ON/OFF



MOD Port Modbus



Control via App



ELFOControl management



Clivet Eye monitoring



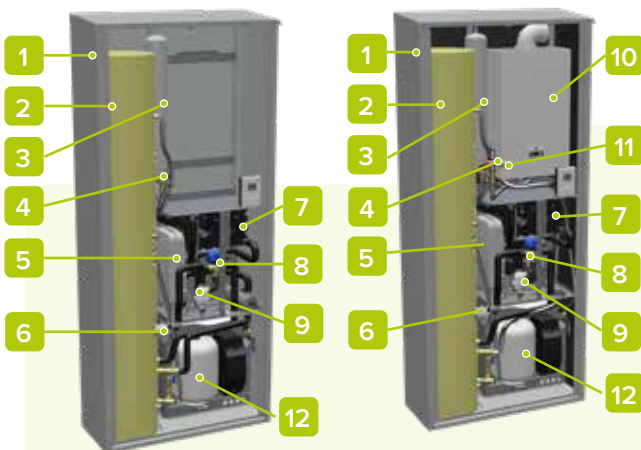
User interface / thermostat



- ✓ Ultra thin only 35 cm
- ✓ Complete (deflector filter - expansion vessel - anti-scalding - 15 l inertia)
- ✓ Versatile with a wide range of accessories
- ✓ Simple

## Installation also visible

EASYIN is the uncased hydronic module, which makes it possible to have the complete heating and DHW production system inside the wall, without occupying any surface area in the building


















1. Visible cabinet
2. Domestic hot water storage tank
3. Sanitary expansion tank
4. Thermostatic anti-scald valve
5. Plant expansion tank
6. Backup electric heater
7. Inertial tank
8. 3-way valve for DHW
9. Magnetic deflector filter+safety valve
10. Condensation boiler with instantaneous DHW
11. Thermostated boiler bypass valve
12. Solar kit (control unit-expansion tank-pump unit)

## configurations

Hybrid version in combination with FE 24.4 and FE 33.4 boiler  
(see the relevant paragraph for boiler data)

## internal accessories

|                                                                                     |                |                                                                                             |                                                                                     |                 |                                                            |
|-------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------|
|    | <b>ADIX</b>    | Main uncased cabinet (Std)                                                                  |    | <b>SICGX</b>    | Intermediate exchanger for glycol circuit <sup>(NEW)</sup> |
|                                                                                     | <b>ACS150X</b> | 150 l DHW cylinder (Std)                                                                    |    | <b>ACSA150X</b> | Additional 150 l DHW storage tank                          |
|    | <b>AENVX</b>   | Additional aesthetic practical cabinet for system accessories in full view <sup>(NEW)</sup> |    | <b>ACSA50X</b>  | Additional 50 l DHW storage tank                           |
|   | <b>KCIACSX</b> | Storage tank connection kit (Std)                                                           |    | <b>KCI150X</b>  | 150 l additional cylinder connection kit                   |
|  | <b>KCSX</b>    | Single zone kit                                                                             |   | <b>ADIAX</b>    | 150 l additional DHW storage tank cabinet                  |
|  | <b>KIR2HX</b>  | Hydraulic kit for managing two areas with the same temperature                              |  | <b>KCVEX</b>    | Solar controller module + pump + expansion tank            |
|                                                                                     | <b>KIR2HLX</b> | Hydraulic kit for managing two areas with high and mixed temperature                        |  | <b>SHWTX</b>    | DHW tank with heat exchanger for connection to solar panel |
|                                                                                     | <b>EH0246X</b> | Additional heater 2 - 4 kW <sup>(NEW)</sup>                                                 |  | <b>ADI50X</b>   | Additional built-in cabinet for storage tank / solar kit   |
|  | <b>EH9X</b>    | Additional heater 6 kW <sup>(NEW)</sup>                                                     |  | <b>KCIBOIX</b>  | Boiler connection kit for instantaneous DHW production     |

# technical data - EASYIn + Edge EVO 2.0 EXC

| Size                                  |                                         |                           |                   | 2.1   | 3.1                       | 4.1                | 5.1                |                    |
|---------------------------------------|-----------------------------------------|---------------------------|-------------------|-------|---------------------------|--------------------|--------------------|--------------------|
| Heating                               | Capacity                                | Water 35/30 °C            | Nominal / Maximum | kW    | <b>4,20 / 5,33</b>        | <b>6,35 / 7,41</b> | <b>8,40 / 9,11</b> | <b>10,0 / 10,3</b> |
|                                       | COP                                     | Outdoor air 7 °C          | Nominal           | -     | 5,10                      | 4,95               | 5,15               | 4,95               |
|                                       | Capacity                                | Water 35/30 °C            | Nominal / Maximum | kW    | 4,70 / 4,99               | 6,00 / 6,21        | 7,00 / 7,27        | 8,00 / 8,31        |
|                                       | COP                                     | Outdoor air -7 °C         | Nominal           | -     | 3,10                      | 3,00               | 3,20               | 3,05               |
|                                       | Capacity                                | Water 45/40 °C            | Nominal / Maximum | kW    | 4,30 / 5,96               | 6,30 / 7,13        | 8,10 / 8,98        | 10,0 / 10,3        |
|                                       | COP                                     | Outdoor air 7 °C          | Nominal           | -     | 3,80                      | 3,70               | 3,85               | 3,75               |
| Cooling                               | Capacity                                | Water 18/23 °C            | Nominal / Maximum | kW    | <b>4,50 / 7,65</b>        | <b>6,50 / 7,65</b> | <b>8,30 / 11,1</b> | <b>9,90 / 12,0</b> |
|                                       | EER                                     | Outdoor air 35 °C         | Nominal           | -     | 5,50                      | 4,80               | 5,05               | 4,55               |
|                                       | Capacity                                | Water 7/12 °C             | Nominal / Maximum | kW    | 4,70 / 6,14               | 7,00 / 7,11        | 7,45 / 7,94        | 8,20 / 8,67        |
|                                       | EER                                     | Outdoor air 35 °C         | Nominal           | -     | 3,45                      | 3,00               | 3,35               | 3,25               |
| DHW                                   | Net tank capacity                       |                           |                   | l     |                           | 143                |                    |                    |
|                                       | Water mixed at 40 °C (V40) <sup>1</sup> |                           |                   | l     |                           | 188                |                    |                    |
|                                       | Heating time                            |                           |                   | h:min | 2:11                      | 2:11               | 1:47               | 1:47               |
| Electrical power for meter sizing     |                                         |                           |                   | kW    | 2,30                      | 2,70               | 3,40               | 3,70               |
| Seasonal efficiency<br>Medium climate | Heating<br>Water 55 °C                  | Energy class              | -                 | -     | <b>A++</b>                | <b>A++</b>         | <b>A++</b>         | <b>A++</b>         |
|                                       |                                         | Annual energy consumption | -                 | 2.749 | 3.348                     | 4.064              | 4.541              |                    |
|                                       |                                         | SCOP                      | -                 | 3,31  | 3,52                      | 3,37               | 3,47               |                    |
|                                       |                                         | ηs (seasonal output)      | %                 | 129   | 138                       | 131                | 137                |                    |
|                                       | Heating<br>Water 35 °C                  | Energy class              | -                 | -     | <b>A+++</b>               | <b>A+++</b>        | <b>A+++</b>        | <b>A+++</b>        |
|                                       |                                         | Annual energy consumption | -                 | 2.354 | 2.849                     | 3.223              | 3.649              |                    |
|                                       |                                         | SCOP                      | -                 | 4,85  | 4,95                      | 5,22               | 5,20               |                    |
|                                       |                                         | ηs (seasonal output)      | %                 | 191   | 195                       | 205                | 205                |                    |
|                                       | DHW                                     | Energy class              | -                 | -     | <b>A+</b>                 | <b>A+</b>          | <b>A+</b>          | <b>A+</b>          |
|                                       |                                         | Withdrawal profile        | -                 | -     | L                         | L                  | L                  | L                  |
| <b>Size - Indoor unit</b>             |                                         |                           |                   |       |                           | <b>A</b>           |                    |                    |
| Power supply                          | Voltage/Frequency/Phases                |                           | V/Hz/n °          |       |                           | 220-240/50/1       |                    |                    |
| Expansion tank capacity               |                                         |                           | l                 |       |                           | 12                 |                    |                    |
| Sound power                           |                                         |                           | Nominal           | dB(A) |                           | 41                 |                    |                    |
| Sound pressure @1m                    |                                         |                           | Nominal           | dB(A) |                           | 26                 |                    |                    |
| <b>Boiler - Hybrid version</b>        |                                         |                           |                   |       | <b>GAS BOILER FE 24.4</b> |                    |                    |                    |
| Boiler                                | Nominal Heating capacity (LHV)          | Water 80/60 °C            | Nominal           | kW    |                           | 24,0               |                    |                    |
|                                       | Efficiency                              |                           | Nominal           | %     |                           | 97,8               |                    |                    |
| Power supply                          | Voltage/Frequency/Phases                |                           | V/Hz/n °          |       |                           | 220-240/50/1       |                    |                    |
| Power input                           | Water content                           |                           | W                 |       |                           | 82                 |                    |                    |
| Sound power                           |                                         |                           | Nominal           | dB(A) |                           | 49                 |                    |                    |
| <b>Size - Outdoor unit</b>            |                                         |                           |                   |       | <b>2.1</b>                | <b>3.1</b>         | <b>4.1</b>         | <b>5.1</b>         |
| Power supply                          | Voltage/Frequency/Phases                |                           | V/Hz/n °          |       |                           | 220-240/50/1       |                    |                    |
| Water flow-rate                       | Water 35/30 °C                          | Nominal                   | l/s               | 0,20  | 0,30                      | 0,40               | 0,48               |                    |
| Pump available pressure               | Outdoor air 7 °C                        | Nominal                   | kPa               | 85    | 85                        | 86                 | 86                 |                    |
| Minimum system water content          |                                         |                           | l                 |       |                           | 40                 |                    |                    |
| Expansion tank capacity               |                                         |                           | l                 |       |                           | 4,8                |                    |                    |
| Sound power                           |                                         |                           | Minimum / Nominal | dB(A) | 53 / 55                   | 55 / 58            | 54 / 59            | 55 / 60            |
| Sound pressure @1m                    |                                         |                           | Minimum / Nominal | dB(A) | 39 / 41                   | 41 / 44            | 40 / 45            | 40 / 46            |
| <b>Operating range</b>                |                                         |                           |                   |       |                           |                    |                    |                    |
| Water supply temperature              | Heating / DHW                           | Full electric             | Minimum / Maximum | °C    |                           |                    | 25 / 65            |                    |
|                                       |                                         | Hybrid                    | Minimum / Maximum | °C    |                           |                    | 25 / 75            |                    |
|                                       | Cooling                                 | -                         | Minimum / Maximum | °C    |                           |                    | 5 / 25             |                    |
| Operating range (Outdoor air)         | Heating / DHW                           | -                         | Minimum / Maximum | °C    |                           |                    | -25 / 43           |                    |
|                                       |                                         | -                         | Minimum / Maximum | °C    |                           |                    | -25 / 43           |                    |
|                                       | Cooling                                 | -                         | Minimum / Maximum | °C    |                           |                    | -5 / 43            |                    |

Data according to EN 14511:2018 and EN 14825:2016

The Product complies with the European ErP Directive (EU Regulations 811/2013 - 813/2013 - 2016/2281). Energy classes with Control4 NRG system control

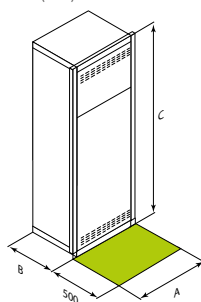
(1) Data according to EN 16147: amount of water at 40 °C with the same enthalpy content as the water coming out of the Boiler at a temperature higher than 40 °C

## dimensions and connections

| Size                  |              |                      | 2.1           | 3.1  | 4.1           | 5.1    |  |
|-----------------------|--------------|----------------------|---------------|------|---------------|--------|--|
| Dimensions            | Indoor unit  | AxCxB                | 950x2.200x360 |      |               |        |  |
|                       | Outdoor unit | AxCxB                | 1.295x717x400 |      | 1.385x864x445 |        |  |
| Operating weight      | Indoor unit  |                      | 317           |      |               |        |  |
|                       | Boiler       |                      | 31            |      |               |        |  |
|                       | Outdoor unit |                      | 86            |      | 105           |        |  |
| Refrigerant charge    |              | type / GWP           | R-32 / 675    |      |               |        |  |
|                       |              | kg                   | 1,40          |      |               |        |  |
|                       |              | CO <sub>2</sub> tons | 0,95          |      |               |        |  |
|                       | Indoor unit  | Water (System)       | inch          | 1"   |               |        |  |
|                       |              | Water (DHW)          | inch          | 3/4" |               |        |  |
|                       | Outdoor unit | Water (System)       | inch          | 1"   |               | 1 1/4" |  |
| Gas                   |              | inch                 | 3/4"          |      |               |        |  |
| Boiler Hybrid version | Intake air   | mm                   | 80            |      |               |        |  |
|                       | Exhaust gas  | mm                   | 80            |      |               |        |  |

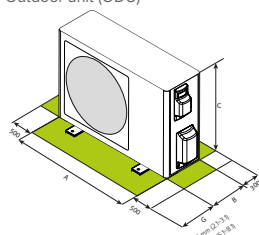
### HQCN-NEE 1 IC

Indoor unit (IDU)



### WiSAN-YME

Outdoor unit (ODU)



E = 500 mm

F = 500 mm

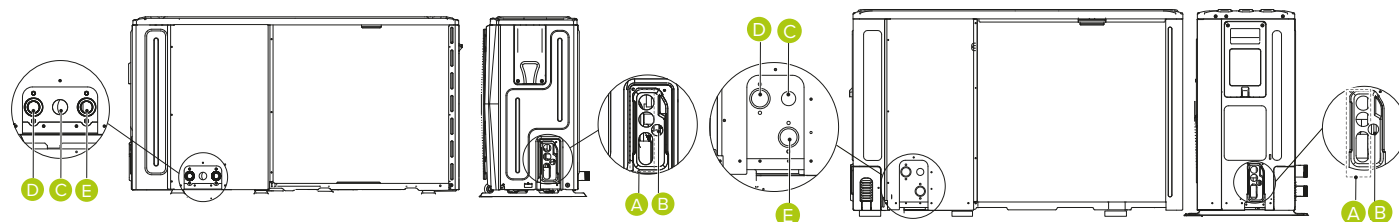
G = 1000 mm (2.1÷3.1)

H = 300 mm

For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

### SIZES 2.1 to 3.1

### SIZE 4.1 ÷ 5.1



A. Hole for high voltage cable (power supply)

B. Hole for low pressure cable (control and signal cables)

C. Hole for discharge pipe

D. Water outlet

E. Water inlet

## technical data - EASYIn + Edge F

| Size                                  |                                         |                           |                   |                   | 2.1                       | 3.1                | 4.1                | 5.1                |
|---------------------------------------|-----------------------------------------|---------------------------|-------------------|-------------------|---------------------------|--------------------|--------------------|--------------------|
| Heating                               | Capacity                                | Water 35/30 °C            | Nominal / Maximum | kW                | <b>4,50 / 6,86</b>        | <b>6,20 / 7,70</b> | <b>8,40 / 10,4</b> | <b>10,0 / 11,0</b> |
|                                       | COP                                     | Outdoor air 7 °C          | Nominal           | -                 | 5,15                      | 4,90               | 5,00               | 4,70               |
|                                       | Capacity                                | Water 35/30 °C            | Nominal / Maximum | kW                | 4,50 / 5,56               | 5,90 / 6,18        | 7,00 / 8,74        | 8,00 / 8,89        |
|                                       | COP                                     | Outdoor air -7 °C         | Nominal           | -                 | 3,10                      | 2,95               | 3,00               | 2,85               |
|                                       | Capacity                                | Water 45/40 °C            | Nominal / Maximum | kW                | 4,50 / 6,55               | 6,40 / 7,35        | 8,20 / 9,57        | 10,0 / 10,5        |
|                                       | COP                                     | Outdoor air 7 °C          | Nominal           | -                 | 4,05                      | 3,80               | 3,85               | 3,65               |
| Cooling                               | Capacity                                | Water 18/23 °C            | Nominal / Maximum | kW                | <b>4,50 / 7,84</b>        | <b>6,50 / 9,75</b> | <b>8,30 / 11,4</b> | <b>10,0 / 12,1</b> |
|                                       | EER                                     | Outdoor air 35 °C         | Nominal           | -                 | 5,50                      | 5,10               | 5,15               | 4,75               |
|                                       | Capacity                                | Water 7/12 °C             | Nominal / Maximum | kW                | 4,70 / 5,66               | 6,80 / 7,14        | 7,50 / 8,19        | 8,90 / 8,90        |
|                                       | EER                                     | Outdoor air 35 °C         | Nominal           | -                 | 3,65                      | 3,10               | 3,45               | 3,25               |
| DHW                                   | Net tank capacity                       |                           |                   | l                 |                           |                    | 143                |                    |
|                                       | Water mixed at 40 °C (V40) <sup>1</sup> |                           |                   | l                 |                           |                    | 188                |                    |
|                                       | Heating time                            |                           |                   | h:min             | 02:11                     | 02:11              | 01:47              | 01:47              |
| Electrical power for meter sizing     |                                         |                           |                   | kW                | 2,70                      | 3,00               | 3,60               | 3,90               |
| Seasonal efficiency<br>Medium climate | Heating<br>Water 55 °C                  | Energy class              | -                 | -                 | <b>A++</b>                | <b>A++</b>         | <b>A++</b>         | <b>A++</b>         |
|                                       |                                         | Annual energy consumption | -                 | 2.684             | 3.164                     | 3.676              | 4.215              |                    |
|                                       |                                         | SCOP                      | -                 | 3,79              | 3,81                      | 3,81               | 3,82               |                    |
|                                       |                                         | ηs (seasonal output)      | %                 | 148,7             | 149,7                     | 149,7              | 149,8              |                    |
|                                       | Heating<br>Water 35 °C                  | Energy class              | -                 | -                 | <b>A+++</b>               | <b>A+++</b>        | <b>A+++</b>        | <b>A+++</b>        |
|                                       |                                         | Annual energy consumption | -                 | 2.040             | 2.692                     | 3.187              | 3.734              |                    |
|                                       |                                         | SCOP                      | -                 | 5,09              | 4,91                      | 5,20               | 5,07               |                    |
|                                       |                                         | ηs (seasonal output)      | %                 | 200,7             | 193,5                     | 204,8              | 199,8              |                    |
|                                       | DHW                                     | Energy class              | -                 | -                 | <b>A+</b>                 | <b>A+</b>          | <b>A+</b>          | <b>A+</b>          |
|                                       |                                         | Withdrawal profile        | -                 | -                 | L                         | L                  | L                  | L                  |
| <b>Size - Indoor unit</b>             |                                         |                           |                   |                   | <b>A</b>                  |                    |                    |                    |
| Power supply                          | Voltage/Frequency/Phases                |                           |                   | V/Hz/n °          | 220-240/50/1              |                    |                    |                    |
| Expansion tank capacity               |                                         |                           |                   | l                 | 12                        |                    |                    |                    |
| Sound power                           | Nominal                                 |                           |                   | dB(A)             | 41                        |                    |                    |                    |
| Sound pressure @1m                    | Nominal                                 |                           |                   | dB(A)             | 26                        |                    |                    |                    |
| <b>Boiler - Hybrid version</b>        |                                         |                           |                   |                   | <b>GAS BOILER FE 24.4</b> |                    |                    |                    |
| Boiler                                | Nominal Heating capacity (LHV)          | Water 80/60 °C            | Nominal           | kW                | 24,0                      |                    |                    |                    |
|                                       | Efficiency                              |                           |                   | %                 | 97,8                      |                    |                    |                    |
| Power supply                          | Voltage/Frequency/Phases                |                           |                   | V/Hz/n °          | 220-240/50/1              |                    |                    |                    |
| Power input                           | Water content                           |                           |                   | W                 | 82                        |                    |                    |                    |
| Sound power                           | Nominal                                 |                           |                   | dB(A)             | 49                        |                    |                    |                    |
| <b>Size - Outdoor unit</b>            |                                         |                           |                   |                   | <b>2.1</b>                | <b>3.1</b>         | <b>4.1</b>         | <b>5.1</b>         |
| Power supply                          | Voltage/Frequency/Phases                |                           |                   | V/Hz/n °          | 220-240/50/1              |                    |                    |                    |
| Water flow-rate                       | Water 35/30 °C                          | Nominal                   | l/s               | 0,21              | 0,30                      | 0,40               | 0,48               |                    |
| Pump available pressure               | Outdoor air 7 °C                        | Nominal                   | kPa               | 89                | 87                        | 80                 | 71                 |                    |
| Minimum system water content          |                                         |                           |                   | l                 | 40                        |                    |                    |                    |
| Expansion tank capacity               |                                         |                           |                   | l                 | 8                         |                    |                    |                    |
| Sound power                           | Minimum / Nominal                       |                           |                   | dB(A)             | 51 / 56                   | 53 / 58            | 55 / 60            | 56 / 61            |
| Sound pressure @1m                    | Minimum / Nominal                       |                           |                   | dB(A)             | 40 / 44                   | 42 / 46            | 42 / 48            | 43 / 49            |
| <b>Operating range</b>                |                                         |                           |                   |                   |                           |                    |                    |                    |
| Water supply temperature              | Heating / DHW                           | Full electric             | Minimum / Maximum | °C                | 25 / 75                   |                    |                    |                    |
|                                       |                                         | Hybrid                    | Minimum / Maximum | °C                | 25 / 75                   |                    |                    |                    |
|                                       | Cooling                                 | -                         | Minimum / Maximum | °C                | 5 / 25                    |                    |                    |                    |
| Operating range<br>(Outdoor air)      | Heating / DHW                           | -                         | Minimum / Maximum | °C                | -25 / 35                  |                    |                    |                    |
|                                       |                                         | DHW                       | -                 | Minimum / Maximum | °C                        | -25 / 46           |                    |                    |
|                                       | Cooling                                 | -                         | Minimum / Maximum | °C                | -5 / 46                   |                    |                    |                    |

Data according to EN 14511:2018 and EN 14825:2016

The Product complies with the European ErP Directive (EU Regulations 811/2013 - 813/2013 - 2016/2281). Energy classes with Control4 NRG system control

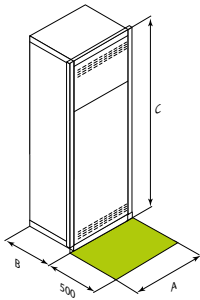
(1) Data according to EN 16147: amount of water at 40 °C with the same enthalpy content as the water coming out of the Boiler at a temperature higher than 40 °C

## dimensions and connections

| Size                  |                |                      | 2.1           | 3.1           | 4.1 | 5.1           |
|-----------------------|----------------|----------------------|---------------|---------------|-----|---------------|
| Dimensions            | Indoor unit    | AxCxB                |               | 950x2.200x360 |     |               |
|                       | Outdoor unit   | AxCxB                | 1.295x718x381 |               |     | 1.385x865x423 |
| Operating weight      | Indoor unit    |                      |               | 317           |     |               |
|                       | Boiler         |                      |               | 31            |     |               |
|                       | Outdoor unit   |                      | 90            |               |     | 117           |
| Refrigerant charge    |                | type / GWP           |               | R-290 / 3     |     |               |
|                       |                | kg                   | 0,70          |               |     | 1,10          |
|                       |                | CO <sub>2</sub> tons | 0,002         |               |     | 0,003         |
|                       |                |                      |               |               |     |               |
| Indoor unit           | Water (System) | inch                 |               | 1"            |     |               |
|                       | Water (DHW)    | inch                 |               | 3/4"          |     |               |
| Outdoor unit          | Water (System) | inch                 | 1"            |               |     | 1" 1/4        |
|                       | Gas            | inch                 |               | 3/4"          |     |               |
| Boiler Hybrid version | Intake air     | mm                   |               | 80            |     |               |
|                       | Exhaust gas    | mm                   |               | 80            |     |               |

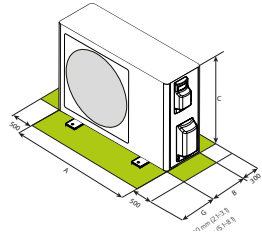
### HQCN-NEE 1 IC

Indoor unit (IDU)



### WiSAN-PME 1 S

Outdoor unit (ODU)



E = 500 mm

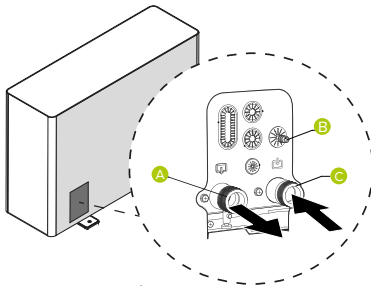
F = 500 mm

G = 1000 mm (2.1÷3.1)

H = 300 mm

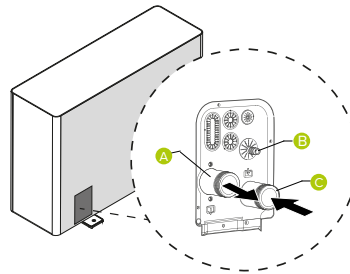
For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

### SIZES 2.1 to 3.1

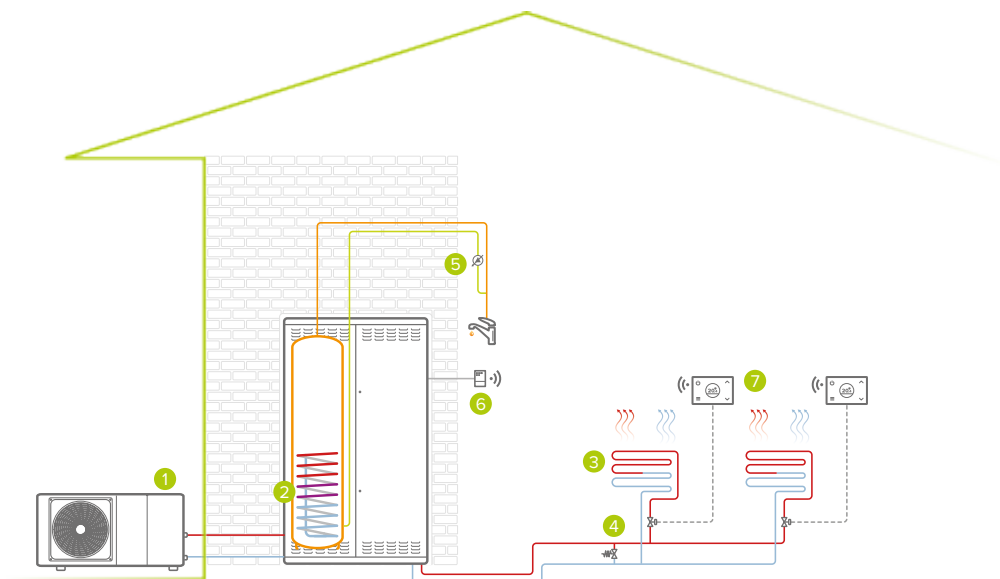


- A. 1" system supply
- B. Safety valve Ø 16 mm
- C. 1" system return

### SIZE 4.1 ÷ 5.1

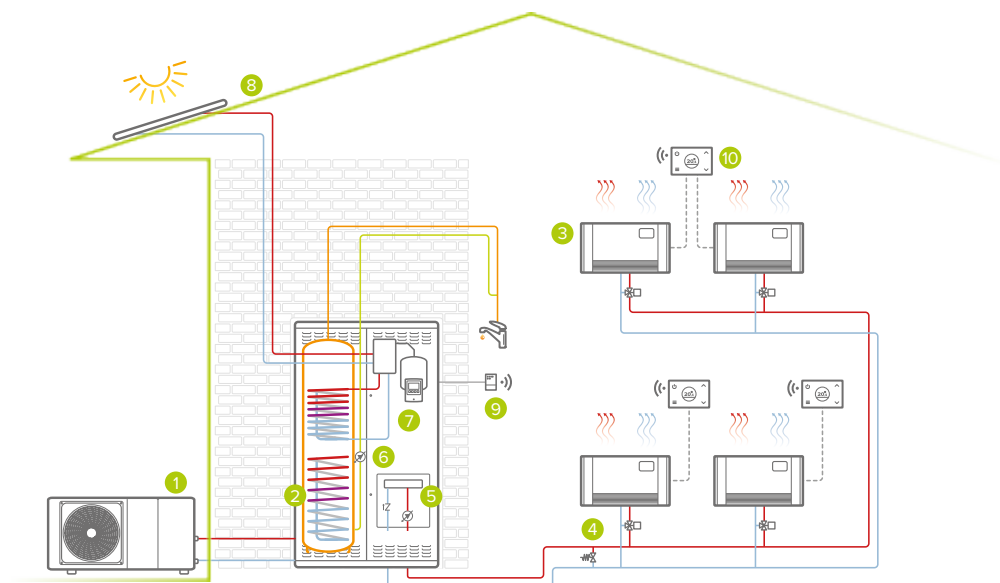


- A. 1 1/4" system supply
- B. Safety valve Ø 16 mm
- C. 1 1/4" system return



**Single-zone system:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating area
- 4 Bypass
- 5 DHW recirculation pump
- 6 Receiver / IoT switch SwitchConnect
- 7 Hid-TConnect2 chronothermostat

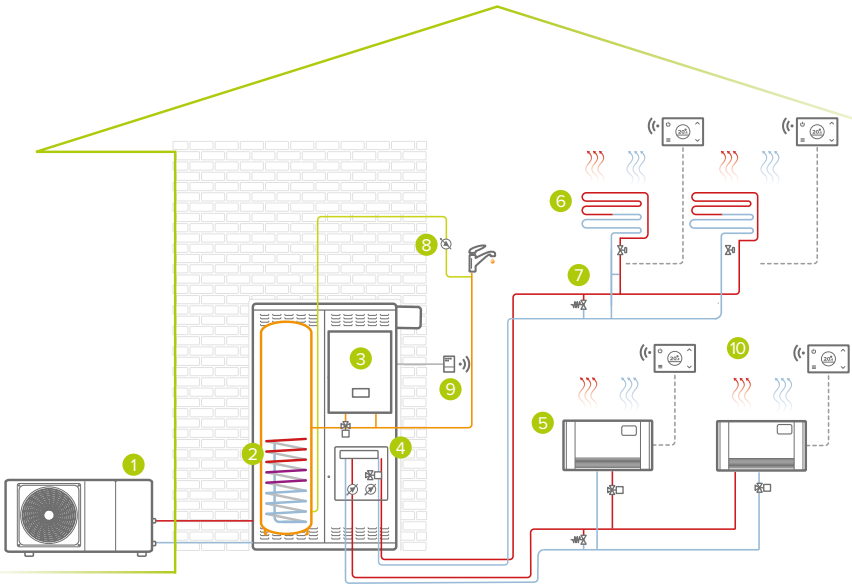


**Single-zone + solar system:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 cooling zone
- 4 Bypass
- 5 Single zone kit circuit breaker + pump
- 6 DHW recirculation pump
- 7 solar connection kit
- 8 ELFOSun thermal soalre
- 9 Receiver / IoT switch SwitchConnect
- 10 Hid-TConnect2 chronothermostat

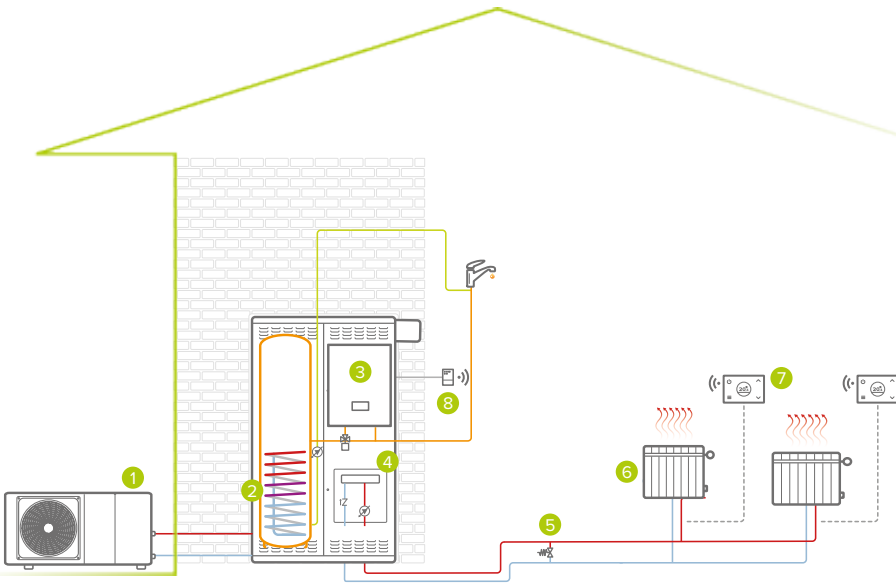
**Two-zone system + boiler:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 Condensing boiler
- 4 Circuit breaker two-area kit + pump
- 5 Medium temperature heating system
- 6 High temperature heating system
- 7 DHW recirculation pump
- 8 Bypass
- 9 Hid-TConnect2 chronothermostat
- 10 Receiver / IoT switch SwitchConnect



**Single-zone system + boiler + instant kit:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 Condensing boiler
- 4 Circuit breaker two-area kit + pump
- 5 Medium temperature heating system
- 6 DHW recirculation pump
- 7 Bypass
- 8 Hid-TConnect2 chronothermostat
- 9 Receiver / IoT switch SwitchConnect



# Hydro-split EASYMINI

Wall-mounted indoor unit with DHW tank for Hydro-split systems

Can be combined with EDGE EVO 2.0 and EDGE F

#### ENERGY SAVING



Integration Heating/DHW



Cascade



€-Switch

#### COMFORT



Hot Cold



DHW



Silent

#### RELIABILITY



Backup heater (optional)

#### CONVENIENCE



Weekley Timer



Integrated DHW tank

#### MANAGEMENT AND CONNECTIVITY



Input ON/OFF



Port Modbus



Control via App



Management CONTROL4 NRG



Clivet Eye monitoring



User interface / thermostat

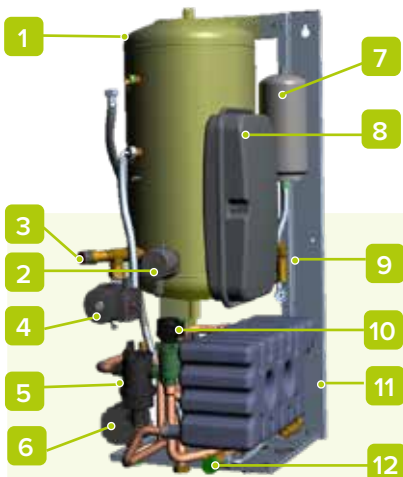


- ✓ 50 l DHW storage tank
- ✓ Complete unit
- ✓ Integrated hydraulic separator
- ✓ Can be combined with EDGE outdoor units
- ✓ Reduced space requirements
- ✓ Easy installation

## Versatile to suit every type of system

Hydronic EASYMINI modules are designed to be combined with the EDGE family of packaged heat pumps.

In addition to the DHW tank, they contain a 15-litre buffer tank, magnetic baffle filter, system expansion tank and anti-burn valve as standard.

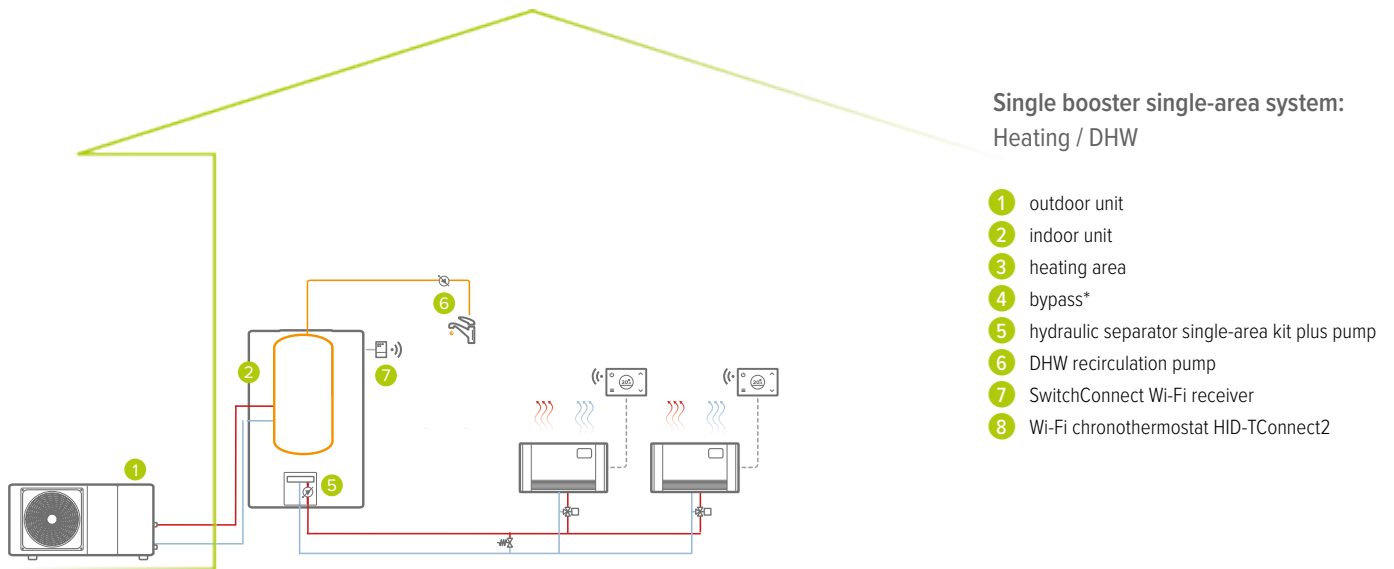
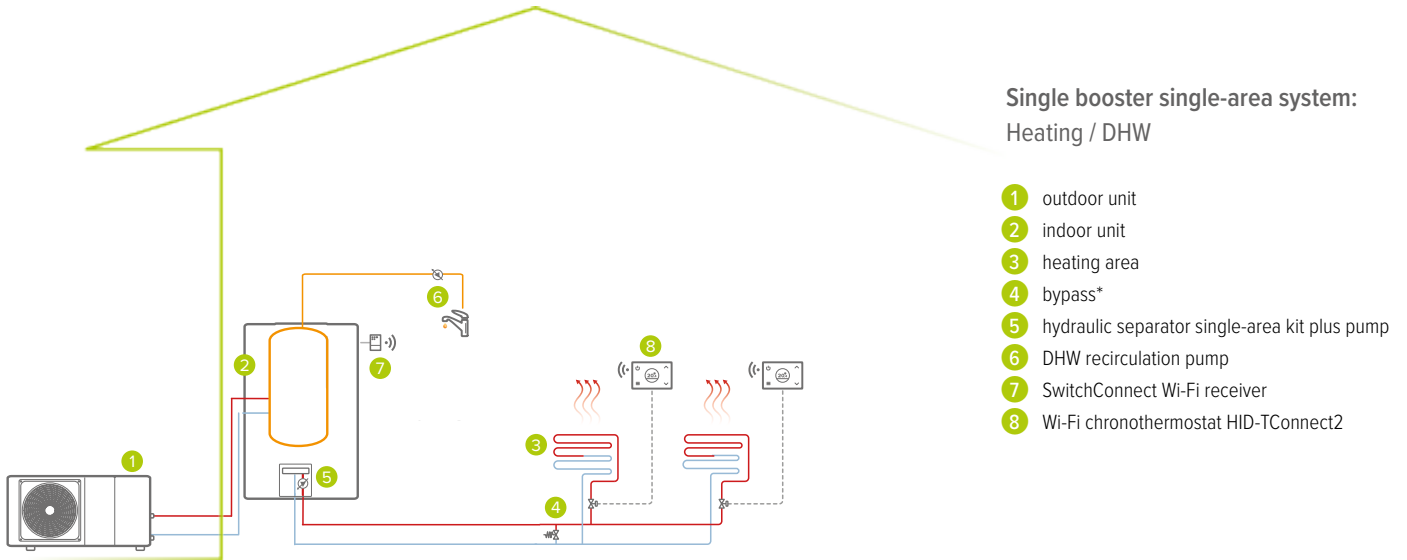


- |                                            |                          |
|--------------------------------------------|--------------------------|
| 1. 50-litre domestic water tank            | 7. Health expansion tank |
| 2. Backup electric heater                  | 8. System expansion tank |
| 3. System pressure relief valve            | 9. Health safety valve   |
| 4. Domestic water circuit circulator       | 10. Inertial tank        |
| 5. Magnetic deflector filter+safety valve  | 11. 3-way valve for DHW  |
| 6. Hydraulic separator with secondary pump | 12. Anti-scalding valve  |

## configurations

Hybrid version in combination with Clivet FE boiler

## system diagrams



## technical data - EASYMINI + Edge EVO 2.0

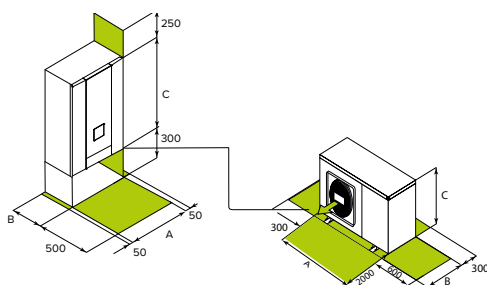
| Size - Set                         |                   |                          |                           | 2.1       | 3.1          | 4.1         | 5.1         | 6.1         | 7.1         | 8.1         |             |      |
|------------------------------------|-------------------|--------------------------|---------------------------|-----------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| Heating                            | Capacity          | Water 35/30°C            | Nominal / Maximum         | kW        | 4,20 / 5,33  | 6,35 / 7,41 | 8,40 / 9,11 | 10,0 / 10,3 | 12,1 / 14,6 | 14,5 / 15,5 | 15,9 / 16,8 |      |
|                                    | COP               | Outdoor air 7°C          | Nominal                   | -         | 5,10         | 4,95        | 5,15        | 4,95        | 4,95        | 4,60        | 4,50        |      |
|                                    | Capacity          | Water 35/30°C            | Nominal / Maximum         | kW        | 4,70 / 4,99  | 6,00 / 6,21 | 7,00 / 7,27 | 8,00 / 8,31 | 10,0 / 11,0 | 12,0 / 12,7 | 13,1 / 13,9 |      |
|                                    | COP               | Outdoor air -7°C         | Nominal                   | -         | 3,10         | 3,00        | 3,20        | 3,05        | 3,00        | 2,85        | 2,70        |      |
|                                    | Capacity          | Water 45/40°C            | Nominal / Maximum         | kW        | 4,30 / 5,96  | 6,30 / 7,13 | 8,10 / 8,98 | 10,0 / 10,3 | 12,3 / 14,5 | 14,1 / 15,7 | 16,0 / 16,6 |      |
|                                    | COP               | Outdoor air 7°C          | Nominal                   | -         | 3,80         | 3,70        | 3,85        | 3,75        | 3,70        | 3,60        | 3,50        |      |
| Cooling                            | Capacity          | Water 18/23°C            | Nominal / Maximum         | kW        | 4,50 / 7,65  | 6,50 / 7,65 | 8,30 / 11,1 | 9,90 / 12,0 | 12,0 / 15,0 | 13,5 / 15,3 | 14,2 / 16,4 |      |
|                                    | EER               | Outdoor air 35°C         | Nominal                   | -         | 5,50         | 4,80        | 5,05        | 4,55        | 3,95        | 3,61        | 3,61        |      |
|                                    | Capacity          | Water 7/12°C             | Nominal / Maximum         | kW        | 4,70 / 6,14  | 7,00 / 7,11 | 7,45 / 7,94 | 8,20 / 8,67 | 11,5 / 11,5 | 12,4 / 12,4 | 14,0 / 14,0 |      |
|                                    | EER               | Outdoor air 35°C         | Nominal                   | -         | 3,45         | 3,00        | 3,35        | 3,25        | 2,75        | 2,50        | 2,50        |      |
| DHW                                | Net tank capacity |                          |                           | l         |              |             | 50          |             |             |             |             |      |
| Electrical power for meter sizing  |                   |                          |                           | kW        | 2,30         | 2,70        | 3,40        | 3,70        | 5,50        | 5,80        | 6,20        |      |
| Seasonal efficiency Medium climate | Heating           | Water 55°C               | Energy class              | -         | A++          | A++         | A++         | A++         | A++         | A++         | A++         |      |
|                                    |                   |                          | Annual energy consumption | -         | 2.749        | 3.348       | 4.064       | 4.541       | 6.916       | 6.917       | 7.213       |      |
|                                    |                   |                          | SCOP                      | -         | 3,31         | 3,52        | 3,37        | 3,47        | 3,45        | 3,47        | 3,41        |      |
|                                    | Cooling           | Water 35°C               | Energy class              | -         | A+++         | A+++        | A+++        | A+++        | A+++        | A+++        | A+++        |      |
|                                    |                   |                          | Annual energy consumption | -         | 2.354        | 2.849       | 3.223       | 3.649       | 5.156       | 5.157       | 6.011       |      |
|                                    |                   |                          | SCOP                      | -         | 4,85         | 4,95        | 5,22        | 5,20        | 4,81        | 4,72        | 4,62        |      |
|                                    |                   | ηs (seasonal output)     | %                         | 129       | 138          | 131         | 137         | 135         | 135         | 133         |             |      |
|                                    |                   | ηs (seasonal output)     | %                         | 191       | 195          | 205         | 205         | 189         | 186         | 182         |             |      |
| <b>Size - Indoor unit</b>          |                   |                          |                           | <b>TO</b> |              |             |             |             |             |             |             |      |
| Power supply                       |                   | Voltage/Frequency/Phases |                           | V/Hz/n°   | 220-240/50/1 |             |             |             |             |             |             |      |
| System expansion tank capacity     |                   |                          |                           | l         | 8            |             |             |             |             |             |             |      |
| DHW expansion tank capacity        |                   |                          |                           | l         | 3            |             |             |             |             |             |             |      |
| Sound power                        |                   | Nominal                  |                           | dB(A)     | 41           |             |             |             |             |             |             |      |
| Sound pressure @1m                 |                   | Nominal                  |                           | dB(A)     | 26           |             |             |             |             |             |             |      |
| <b>Size - Outdoor unit</b>         |                   |                          |                           | <b>TO</b> |              |             |             |             |             |             |             |      |
| Power supply                       |                   | Voltage/Frequency/Phases |                           | V/Hz/n°   | 220-240/50/1 |             |             |             |             |             |             |      |
| Water flow-rate                    |                   | Water 35/30°C            |                           | Nominal   | l/s          | 0,20        | 0,30        | 0,40        | 0,48        | 0,58        | 0,69        | 0,76 |
| Pump available pressure            |                   | Outdoor air 7°C          |                           | Nominal   | kPa          | 85          | 85          | 86          | 86          | 88          | 87          | 87   |
| Expansion tank capacity            |                   |                          |                           | l         | 4,8          |             |             |             |             |             |             |      |
| Minimum system water content       |                   |                          |                           | l         | 30           |             | 70          |             |             |             |             |      |
| Sound power                        |                   | Minimum / Nominal        |                           | dB(A)     | 53 / 55      | 55 / 58     | 54 / 59     | 55 / 60     | 59 / 65     | 59 / 65     | 59 / 68     |      |
| Sound pressure @1m                 |                   | Minimum / Nominal        |                           | dB(A)     | 39 / 41      | 41 / 44     | 40 / 45     | 40 / 46     | 44 / 50     | 44 / 50     | 44 / 53     |      |
| <b>Operating range</b>             |                   |                          |                           |           |              |             |             |             |             |             |             |      |
| Water supply temperature           | Heating / DHW     | Full electric            | Minimum / Maximum         | °C        | 25 / 65      |             |             |             |             |             |             |      |
|                                    |                   | Hybrid                   | Minimum / Maximum         | °C        | 25 / 75      |             |             |             |             |             |             |      |
| Operating range (Outdoor air)      | Cooling           | -                        | Minimum / Maximum         | °C        | 5 / 25       |             |             |             |             |             |             |      |
|                                    |                   | -                        | Minimum / Maximum         | °C        | -25 / 35     |             |             |             |             |             |             |      |
| Operating range (Outdoor air)      | DHW               | -                        | Minimum / Maximum         | °C        | -25 / 43     |             |             |             |             |             |             |      |
|                                    |                   | -                        | Minimum / Maximum         | °C        | -5 / 43      |             |             |             |             |             |             |      |

## dimensions and connections

| Size               |              |                |                      | 2.1              | 3.1    | 4.1           | 5.1 | 6.1 | 7.1 | 8.1 |
|--------------------|--------------|----------------|----------------------|------------------|--------|---------------|-----|-----|-----|-----|
|                    | Indoor unit  | AxCxB          | mm                   | 450 x 1100 x 550 |        |               |     |     |     |     |
|                    | Outdoor unit | AxCxB          | mm                   | 1.295x717x400    |        | 1.385x864x445 |     |     |     |     |
| Operating weight   | Indoor unit  |                | kg                   | 130              |        |               |     |     |     |     |
|                    | Outdoor unit |                | kg                   | 86               | 105    |               |     |     | 129 |     |
| Refrigerant charge |              |                | type / GWP           | R-32 / 675       |        |               |     |     |     |     |
|                    |              |                | kg                   | 1,40             |        | 1,75          |     |     |     |     |
|                    |              |                | CO <sub>2</sub> tons | 0,95             |        | 1,18          |     |     |     |     |
| External diameters | Indoor unit  | Water (System) | inch                 | 1"               |        |               |     |     |     |     |
|                    |              | Water (DHW)    | inch                 | 1/2"             |        |               |     |     |     |     |
|                    |              | Water (System) | inch                 | 1"               | 1" 1/4 |               |     |     |     |     |

### HQCN-NEE 1 MC A

Indoor unit (ODU)



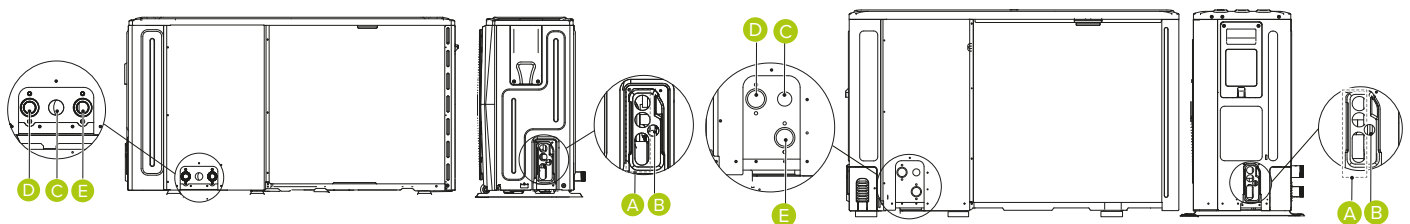
WiSAN-YME 1 S  
Outdoor unit (ODU)

| <b>Size - Set</b>                 |                          |                           |                           | <b>6.1</b>           | <b>7.1</b>  | <b>8.1</b>  |             |
|-----------------------------------|--------------------------|---------------------------|---------------------------|----------------------|-------------|-------------|-------------|
| Heating                           | Capacity                 | Water 35/30°C             | Nominal / Maximum kW      | 12,1 / 14,6          | 14,5 / 15,5 | 15,9 / 16,8 |             |
|                                   | COP                      | Outdoor air 7°C           | Nominal                   | 4,95                 | 4,60        | 4,50        |             |
|                                   | Capacity                 | Water 35/30°C             | Nominal / Maximum kW      | 10,0 / 11,0          | 12,0 / 12,7 | 13,1 / 13,9 |             |
|                                   | COP                      | Outdoor air -7°C          | Nominal                   | 3,00                 | 2,85        | 2,70        |             |
|                                   | Capacity                 | Water 45/40°C             | Nominal / Maximum kW      | 12,3 / 14,5          | 14,1 / 15,7 | 16,0 / 16,6 |             |
|                                   | COP                      | Outdoor air 7°C           | Nominal                   | 3,70                 | 3,60        | 3,50        |             |
| Cooling                           | Capacity                 | Water 18/23°C             | Nominal / Maximum kW      | 12,0 / 15,0          | 13,5 / 15,3 | 14,2 / 16,4 |             |
|                                   | EER                      | Outdoor air 35°C          | Nominal                   | 3,95                 | 3,61        | 3,61        |             |
|                                   | Capacity                 | Water 7/12°C              | Nominal / Maximum kW      | 11,5 / 11,5          | 12,4 / 12,4 | 14,0 / 14,0 |             |
|                                   | EER                      | Outdoor air 35°C          | Nominal                   | 2,75                 | 2,50        | 2,50        |             |
| DHW                               | Net tank capacity        |                           | l                         | 50                   |             |             |             |
| Electrical power for meter sizing |                          |                           | kW                        | 5,50                 | 5,80        | 6,20        |             |
| Seasonal efficiency               | Heating                  | Energy class              | -                         | <b>A++</b>           | <b>A++</b>  | <b>A++</b>  |             |
|                                   |                          | Annual energy consumption | -                         | 6.916                | 6.917       | 7.213       |             |
|                                   |                          | Water 55°C                | SCOP                      | -                    | 3,45        | 3,47        | 3,41        |
|                                   | Medium climate           | Heating                   | ηs (seasonal output)      | %                    | 135         | 135         | 133         |
|                                   |                          |                           | Energy class              | -                    | <b>A+++</b> | <b>A+++</b> | <b>A+++</b> |
|                                   |                          |                           | Annual energy consumption | -                    | 5.156       | 5.157       | 6.011       |
| Medium climate                    | Water 35°C               | SCOP                      | -                         | 4,81                 | 4,72        | 4,62        |             |
|                                   |                          | ηs (seasonal output)      | %                         | 189                  | 186         | 182         |             |
| <b>Size - Indoor unit</b>         |                          |                           |                           | <b>TO</b>            |             |             |             |
| Power supply                      | Voltage/Frequency/Phases |                           | V/Hz/n°                   | 220-240/50/1         |             |             |             |
| System expansion tank capacity    |                          |                           | l                         | 8                    |             |             |             |
| DHW expansion tank capacity       |                          |                           | l                         | 3                    |             |             |             |
| Sound power                       |                          |                           | Nominal dB(A)             | 41                   |             |             |             |
| Sound pressure @1m                |                          |                           | Nominal dB(A)             | 26                   |             |             |             |
| <b>Size - Outdoor unit</b>        |                          |                           |                           | <b>6.1</b>           | <b>7.1</b>  | <b>8.1</b>  |             |
| Power supply                      | Voltage/Frequency/Phases |                           | V/Hz/n°                   | 380-415/50/3+N       |             |             |             |
| Water flow-rate                   | Water 35/30°C            | Nominal                   | l/s                       | 0,58                 | 0,69        | 0,76        |             |
| Pump available pressure           | Outdoor air 7°C          | Nominal                   | kPa                       | 88                   | 87          | 87          |             |
| Expansion tank capacity           |                          |                           | l                         | 4,8                  |             |             |             |
| Minimum system water content      |                          |                           | l                         | 70                   |             |             |             |
| Sound power                       |                          |                           | Minimum / Nominal dB(A)   | 59 / 65              | 59 / 65     | 59 / 68     |             |
| Sound pressure @1m                |                          |                           | Minimum / Nominal dB(A)   | 44 / 50              | 44 / 50     | 44 / 53     |             |
| <b>Operating range</b>            |                          |                           |                           |                      |             |             |             |
| Water supply temperature          | Heating / DHW            | Full electric             | Minimum / Maximum °C      | 25 / 65              |             |             |             |
|                                   |                          | Hybrid                    | Minimum / Maximum °C      | 25 / 75              |             |             |             |
| Operating range (Outdoor air)     | Cooling                  | -                         | Minimum / Maximum °C      | 5 / 25               |             |             |             |
|                                   |                          | Heating                   | -                         | Minimum / Maximum °C | -25 / 35    |             |             |
| Operating range (Outdoor air)     | DHW                      | -                         | Minimum / Maximum °C      | -25 / 43             |             |             |             |
|                                   |                          | Cooling                   | -                         | Minimum / Maximum °C | -5 / 43     |             |             |

| <b>Size</b>                     |              |                |                      | <b>6.1</b>       | <b>7.1</b> | <b>8.1</b> |
|---------------------------------|--------------|----------------|----------------------|------------------|------------|------------|
| Dimensions                      | Indoor unit  | AxCxB          | mm                   | 450 x 1100 x 550 |            |            |
|                                 | Outdoor unit | AxCxB          | mm                   | 1.385x864x445    |            |            |
| Operating weight                | Indoor unit  |                | kg                   | 130              |            |            |
|                                 | Outdoor unit |                | kg                   | 144              |            |            |
| Refrigerant charge <sup>1</sup> |              |                | type / GWP           | R-32 / 675       |            |            |
|                                 |              |                | kg                   | 1,75             |            |            |
|                                 |              |                | CO <sub>2</sub> tons | 1,18             |            |            |
| External diameters              | Indoor unit  | Water (System) | inch                 | 1"               |            |            |
|                                 |              | Water (DHW)    | inch                 | 1/2"             |            |            |
|                                 | Outdoor unit | Water (System) | inch                 | 1" 1/4           |            |            |

SIZES 2.1 to 3.1

SIZES 4.1 to 8.1



**A.** Hole for high voltage cable (power supply)

**B.** Hole for low pressure cable (control and signal cables)

**C.** Hole for discharge pipe

**D.** Water outlet

**E.** Water inlet

## technical data - EASYMINI + Edge F

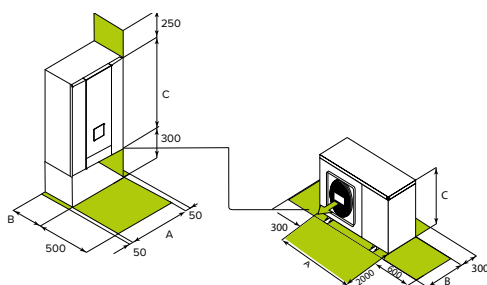
| Size - Set                            |                          |                           |                   | 2.1               | 3.1         | 4.1         | 5.1         | 6.1          | 7.1         | 8.1         |             |
|---------------------------------------|--------------------------|---------------------------|-------------------|-------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|
| Heating                               | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW                | 4,50 / 6,86 | 6,20 / 7,70 | 8,40 / 10,4 | 10,0 / 11,0  | 12,0 / 14,7 | 14,0 / 16,0 | 15,0 / 17,6 |
|                                       | COP                      | Outdoor air 7°C           | Nominal           | -                 | 5,15        | 4,90        | 5,00        | 4,70         | 4,80        | 4,50        | 4,40        |
|                                       | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW                | 4,50 / 5,56 | 5,90 / 6,18 | 7,00 / 8,74 | 8,00 / 8,89  | 10,0 / 11,1 | 11,0 / 12,1 | 11,5 / 13,2 |
|                                       | COP                      | Outdoor air -7°C          | Nominal           | -                 | 3,10        | 2,95        | 3,00        | 2,85         | 2,80        | 2,75        | 2,70        |
|                                       | Capacity                 | Water 45/40°C             | Nominal / Maximum | kW                | 4,50 / 6,55 | 6,40 / 7,35 | 8,20 / 9,57 | 10,0 / 10,5  | 12,0 / 14,1 | 14,0 / 15,3 | 15,0 / 16,9 |
|                                       | COP                      | Outdoor air 7°C           | Nominal           | -                 | 4,05        | 3,80        | 3,85        | 3,65         | 3,70        | 3,50        | 3,35        |
| Cooling                               | Capacity                 | Water 18/23°C             | Nominal / Maximum | kW                | 4,90 / 7,84 | 5,90 / 9,75 | 6,80 / 11,4 | 7,80 / 12,13 | 12,0 / 16,4 | 13,0 / 17,3 | 14,4 / 18,6 |
|                                       | EER                      | Outdoor air 35°C          | Nominal           | -                 | 5,50        | 5,10        | 5,15        | 4,75         | 4,50        | 4,20        | 3,90        |
|                                       | Capacity                 | Water 7/12°C              | Nominal / Maximum | kW                | 4,70 / 5,66 | 6,80 / 7,14 | 7,50 / 8,19 | 8,76 / 8,76  | 11,5 / 12,0 | 12,7 / 12,7 | 14,0 / 14,3 |
|                                       | EER                      | Outdoor air 35°C          | Nominal           | -                 | 3,65        | 3,10        | 3,45        | 3,01         | 3,05        | 2,90        | 2,75        |
| DHW                                   | Net tank capacity        |                           |                   | l                 |             |             | 50          |              |             |             |             |
| Electrical power for meter sizing     |                          |                           |                   | kW                | 2,70        | 3,00        | 3,60        | 3,90         | 5,70        | 6,00        | 6,40        |
| Seasonal efficiency<br>Medium climate | Energy class             |                           | -                 | -                 | A++         | A++         | A++         | A++          | A++         | A++         | A++         |
|                                       | Heating<br>Water 55°C    | Annual energy consumption | -                 | 2.684             | 3.164       | 3.676       | 4.215       | 6.847        | 7.414       | 8.349       |             |
|                                       |                          | SCOP                      | -                 | 3,79              | 3,81        | 3,81        | 3,82        | 3,62         | 3,62        | 3,57        |             |
|                                       | ηs (seasonal output)     |                           | %                 | 148               | 150         | 150         | 150         | 142          | 142         | 140         |             |
|                                       | Energy class             |                           | -                 | A+++              | A+++        | A+++        | A+++        | A+++         | A+++        | A+++        |             |
|                                       | Heating<br>Water 35°C    | Annual energy consumption | -                 | 2.040             | 2.692       | 3.187       | 3.734       | 5.376        | 6.091       | 6.630       |             |
| SCOP                                  |                          | -                         | 5,09              | 4,91              | 5,20        | 5,07        | 4,68        | 4,64         | 4,59        |             |             |
| ηs (seasonal output)                  |                          | %                         | 201               | 194               | 205         | 200         | 184         | 182          | 181         |             |             |
| <b>Size - Indoor unit</b>             |                          |                           |                   | <b>TO</b>         |             |             |             |              |             |             |             |
| Power supply                          | Voltage/Frequency/Phases |                           | V/Hz/n°           | 230/50/1          |             |             |             |              |             |             |             |
| System expansion tank capacity        |                          |                           | l                 | 8                 |             |             |             |              |             |             |             |
| DHW expansion tank capacity           |                          |                           | l                 | 3                 |             |             |             |              |             |             |             |
| Sound power                           | Nominal                  |                           | dB(A)             | 41                |             |             |             |              |             |             |             |
| Sound pressure @1m                    | Nominal                  |                           | dB(A)             | 26                |             |             |             |              |             |             |             |
| <b>Size - Outdoor unit</b>            |                          |                           |                   | 2.1               | 3.1         | 4.1         | 5.1         | 6.1          | 7.1         | 8.1         |             |
| Power supply                          | Voltage/Frequency/Phases |                           | V/Hz/n°           | 230/50/1          |             |             |             |              |             |             |             |
| Water flow-rate                       | Water 35/30°C            | Nominal                   | l/s               | 0,21              | 0,30        | 0,40        | 0,48        | 0,57         | 0,67        | 0,71        |             |
| Pump available pressure               | Outdoor air 7°C          | Nominal                   | kPa               | 89                | 87          | 80          | 71          | 63           | 54          | 49          |             |
| Expansion tank capacity               |                          |                           | l                 | 8                 |             |             |             |              |             |             |             |
| Minimum system water content          |                          |                           | l                 | 30                |             |             | 70          |              |             |             |             |
| Sound power                           | Minimum / Nominal        |                           | dB(A)             | 51 / 56           | 53 / 58     | 55 / 60     | 56 / 61     | 58 / 65      | 59 / 65     | 60 / 69     |             |
| Sound pressure @1m                    | Minimum / Nominal        |                           | dB(A)             | 40 / 44           | 42 / 46     | 42 / 48     | 43 / 49     | 43 / 51      | 44 / 52     | 48 / 56     |             |
| <b>Operating range</b>                |                          |                           |                   |                   |             |             |             |              |             |             |             |
| Water supply temperature              | Heating / DHW            | Full electric             | Minimum / Maximum |                   |             |             | 25 / 75     |              |             |             |             |
|                                       |                          | Hybrid                    | Minimum / Maximum |                   |             |             | 25 / 75     |              |             |             |             |
| Operating range (Outdoor air)         | Cooling                  | -                         | Minimum / Maximum |                   |             |             | 5 / 25      |              |             |             |             |
|                                       |                          | Heating                   | -                 | Minimum / Maximum |             |             |             | -25 / 35     |             |             |             |
| Operating range (Outdoor air)         | DHW                      | -                         | Minimum / Maximum |                   |             |             | -25 / 43    |              |             |             |             |
|                                       |                          | Cooling                   | -                 | Minimum / Maximum |             |             |             | -5 / 43      |             |             |             |

## dimensions and connections

| Size               |              |                |                      | 2.1              | 3.1 | 4.1 | 5.1           | 6.1 | 7.1   | 8.1 |  |
|--------------------|--------------|----------------|----------------------|------------------|-----|-----|---------------|-----|-------|-----|--|
| Dimensions         | Indoor unit  | AxCxB          | mm                   | 450 x 1100 x 550 |     |     |               |     |       |     |  |
|                    | Outdoor unit | AxCxB          | mm                   | 1.295x718x386    |     |     | 1.385x865x423 |     |       |     |  |
| Operating weight   | Indoor unit  |                | kg                   |                  |     |     | 130           |     |       |     |  |
|                    | Outdoor unit |                | kg                   | 90               |     |     | 117           |     | 135   |     |  |
| Refrigerant charge |              |                | type / GWP           | R-290 / 3        |     |     |               |     |       |     |  |
|                    |              |                | kg                   | 0,70             |     |     | 1,10          |     | 1,25  |     |  |
|                    |              |                | CO <sub>2</sub> tons | 0,002            |     |     | 0,003         |     | 0,004 |     |  |
| External diameters | Indoor unit  | Water (System) | inch                 |                  |     |     | 1"            |     |       |     |  |
|                    |              | Water (DHW)    | inch                 |                  |     |     | 1/2"          |     |       |     |  |
|                    | Outdoor unit | Water (System) | inch                 | 1"               |     |     | 1" 1/4        |     |       |     |  |

### HQCN-NEE 1 MC A

Indoor unit (ODU)



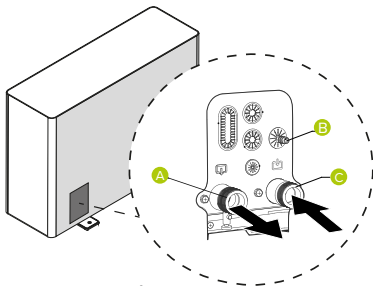
WiSAN-PME 1 S  
Outdoor unit (ODU)

For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

| Size - Set                            |                          |                           |                   | 6.1   | 7.1            | 8.1         |             |
|---------------------------------------|--------------------------|---------------------------|-------------------|-------|----------------|-------------|-------------|
| Heating                               | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW    | 12,0 / 14,7    | 14,0 / 16,0 | 15,0 / 17,6 |
|                                       | COP                      | Outdoor air 7°C           | Nominal           | -     | 4,80           | 4,50        | 4,40        |
|                                       | Capacity                 | Water 35/30°C             | Nominal / Maximum | kW    | 10,0 / 11,1    | 11,0 / 12,1 | 11,5 / 13,2 |
|                                       | COP                      | Outdoor air -7°C          | Nominal           | -     | 2,80           | 2,75        | 2,70        |
|                                       | Capacity                 | Water 45/40°C             | Nominal / Maximum | kW    | 12,0 / 14,1    | 14,0 / 15,3 | 15,0 / 16,9 |
|                                       | COP                      | Outdoor air 7°C           | Nominal           | -     | 3,70           | 3,50        | 3,35        |
| Cooling                               | Capacity                 | Water 18/23°C             | Nominal / Maximum | kW    | 12,0 / 16,4    | 13,0 / 17,3 | 14,4 / 18,6 |
|                                       | EER                      | Outdoor air 35°C          | Nominal           | -     | 4,50           | 4,20        | 3,90        |
|                                       | Capacity                 | Water 7/12°C              | Nominal / Maximum | kW    | 11,5 / 12,0    | 12,7 / 12,7 | 14,0 / 14,3 |
|                                       | EER                      | Outdoor air 35°C          | Nominal           | -     | 3,05           | 2,90        | 2,75        |
| DHW                                   | Net tank capacity        |                           |                   | l     | 50             |             |             |
| Electrical power for meter sizing     |                          |                           |                   | kW    | 5,70           | 6,00        | 6,40        |
| Seasonal efficiency<br>Medium climate | Heating<br>Water 55°C    | Energy class              |                   | -     | A++            | A++         | A++         |
|                                       |                          | Annual energy consumption |                   | -     | 6.847          | 7.414       | 8.349       |
|                                       |                          | SCOP                      |                   | -     | 3,62           | 3,62        | 3,57        |
|                                       | Cooling                  | ηs (seasonal output)      |                   | %     | 142            | 142         | 140         |
|                                       |                          | Energy class              |                   | -     | A+++           | A+++        | A+++        |
|                                       |                          | Annual energy consumption |                   | -     | 5.376          | 6.091       | 6.630       |
| Heating<br>Water 35°C                 | SCOP                     |                           | -                 | 4,68  | 4,64           | 4,59        |             |
|                                       | ηs (seasonal output)     |                           | %                 | 184   | 182            | 181         |             |
| <b>Size - Indoor unit</b>             |                          |                           |                   |       | <b>TO</b>      |             |             |
| Power supply                          | Voltage/Frequency/Phases |                           | V/Hz/n°           |       | 220-240/50/1   |             |             |
| System expansion tank capacity        |                          |                           | l                 |       | 8              |             |             |
| DHW expansion tank capacity           |                          |                           | l                 |       | 3              |             |             |
| Sound power                           |                          |                           | Nominal           | dB(A) | 41             |             |             |
| Sound pressure @1m                    |                          |                           | Nominal           | dB(A) | 26             |             |             |
| <b>Size - Outdoor unit</b>            |                          |                           |                   |       | <b>6.1</b>     | <b>7.1</b>  | <b>8.1</b>  |
| Power supply                          | Voltage/Frequency/Phases |                           | V/Hz/n°           |       | 380-415/50/3+N |             |             |
| Water flow-rate                       | Water 35/30°C            | Nominal                   | l/s               | 0,57  | 0,67           | 0,71        |             |
| Pump available pressure               | Outdoor air 7°C          | Nominal                   | kPa               | 63    | 54             | 49          |             |
| Minimum system water content          |                          |                           | l                 | 70    |                |             |             |
| Expansion tank capacity               |                          |                           | l                 |       | 8 (Odu)        |             |             |
| Sound power                           |                          |                           | Minimum / Nominal | dB(A) | 58 / 65        | 59 / 65     | 60 / 69     |
| Sound pressure @1m                    |                          |                           | Minimum / Nominal | dB(A) | 43 / 51        | 44 / 52     | 48 / 56     |
| <b>Operating range</b>                |                          |                           |                   |       |                |             |             |
| Water supply temperature              | Heating / DHW            | Full electric             | Minimum / Maximum | °C    | 25 / 75        |             |             |
|                                       |                          | Hybrid                    | Minimum / Maximum | °C    | 25 / 75        |             |             |
|                                       | Cooling                  | -                         | Minimum / Maximum | °C    | 5 / 25         |             |             |
| Operating range (Outdoor air)         | Heating                  | -                         | Minimum / Maximum | °C    | -25 / 35       |             |             |
|                                       | DHW                      | -                         | Minimum / Maximum | °C    | -25 / 43       |             |             |
|                                       | Cooling                  | -                         | Minimum / Maximum | °C    | -5 / 43        |             |             |

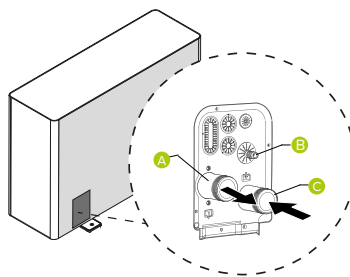
| Size                                          |              |                |                      | 6.1 | 7.1           | 8.1 |
|-----------------------------------------------|--------------|----------------|----------------------|-----|---------------|-----|
| Dimensions                                    | Indoor unit  | AxCxB          | mm                   |     |               |     |
|                                               | Outdoor unit | AxCxB          | mm                   |     | 1.385x865x423 |     |
| Operating weight                              | Indoor unit  |                | kg                   |     | 130           |     |
|                                               | Outdoor unit |                | kg                   |     | 135           |     |
| Refrigerant charge                            |              |                | type / GWP           |     | R-290 / 3     |     |
|                                               |              |                | kg                   |     | 1,25          |     |
|                                               |              |                | CO <sub>2</sub> tons |     | 0,004         |     |
| Equivalent pipe length with pre-charging only |              |                | m                    |     |               |     |
| External diameters                            | Indoor unit  | Water (System) | inch                 |     | 1"            |     |
|                                               |              | Water (DHW)    | inch                 |     | 1/2"          |     |
|                                               | Outdoor unit | Water (System) | inch                 |     | 1" 1/4        |     |

SIZES 2.1 to 3.1



- A. 1" system supply
- B. Safety valve Ø 16 mm
- C. 1" system return

SIZES 4.1 to 8.1



- A. 1 1/4" system supply
- B. Safety valve Ø 16 mm
- C. 1 1/4" system return